

# Product Datasheet

## SA1 Antibody (2E9) - Azide and BSA Free H00010274-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00010274-M01**

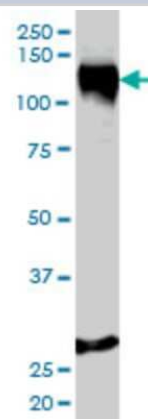
SA1 Antibody (2E9) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                        |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                              |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                  |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                    |
| Clone                       | 2E9                                                                                                                                                                                                                                           |
| Preservative                | No Preservative                                                                                                                                                                                                                               |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                   |
| Purity                      | IgG purified                                                                                                                                                                                                                                  |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                               |
| Description                 | Novus Biologicals Mouse SA1 Antibody (2E9) - Azide and BSA Free (H00010274-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                  |
| Host                        | Mouse                                                                                                                                                                                                                                         |
| Gene ID                     | 10274                                                                                                                                                                                                                                         |
| Gene Symbol                 | STAG1                                                                                                                                                                                                                                         |
| Species                     | Human                                                                                                                                                                                                                                         |
| Reactivity Notes            | Human. Other species not tested.                                                                                                                                                                                                              |
| Specificity/Sensitivity     | STAG1 - stromal antigen 1                                                                                                                                                                                                                     |
| Immunogen                   | STAG1 (AAH64699, 1112 a.a. ~ 1221 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>LPAPQLTSTVLRENSRPMGDQIQEPESHEGSEPDFLHNRGLMEEDAEPFEDV<br>MMSSRSQLEDMNEEFEDTMVIDLPPSRNRRERAEELRPDFFDSAAIIEDDSGFG<br>MPMF |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                            |
| Product Application Details |                                                                                                                                                                                                                                               |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA                                                                                                              |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA                                                                                                        |
| Application Notes           | Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.                                                                        |

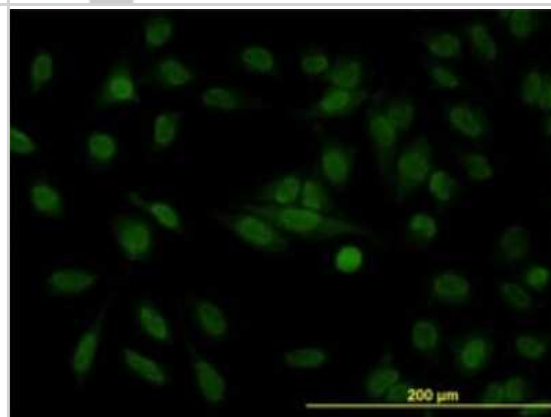


## Images

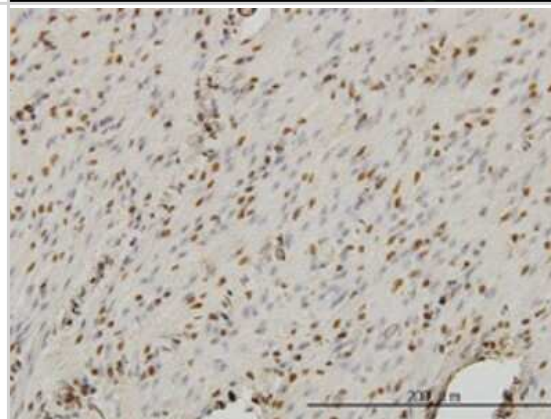
Western Blot: SA1 Antibody (2E9) [H00010274-M01] - STAG1 monoclonal antibody (M01), clone 2E9 Analysis of STAG1 expression in HeLa.



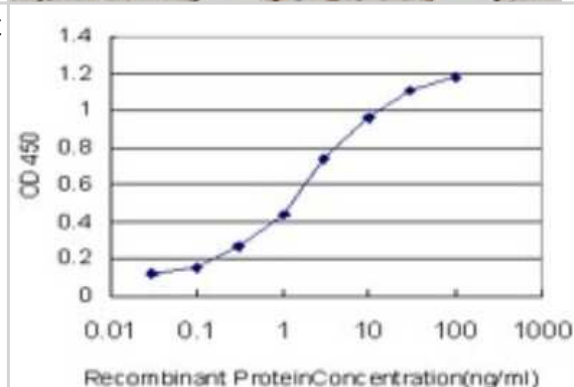
Immunocytochemistry/Immunofluorescence: SA1 Antibody (2E9) [H00010274-M01] - Analysis of monoclonal antibody to STAG1 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: SA1 Antibody (2E9) [H00010274-M01] - Analysis of monoclonal antibody to STAG1 on formalin-fixed paraffin-embedded human smooth muscle. Antibody concentration 3 ug/ml.



Sandwich ELISA: SA1 Antibody (2E9) [H00010274-M01] - Detection limit for recombinant GST tagged STAG1 is approximately 0.03ng/ml as a capture antibody.



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**Products Related to H00010274-M01**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)    |
| NBP1-87097PEP    | SA1 Recombinant Protein Antigen                         |

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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