

# Product Datasheet

## Goat F(ab')<sub>2</sub> anti-Human IgG F(ab')<sub>2</sub> Secondary Antibody (Pre-adsorbed) NBP1-51900

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NBP1-51900**Goat F(ab')<sub>2</sub> anti-Human IgG F(ab')<sub>2</sub> Secondary Antibody (Pre-adsorbed)

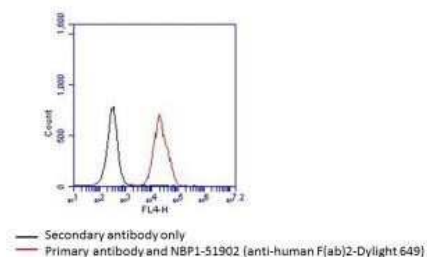
| Product Information |                                 |
|---------------------|---------------------------------|
| Unit Size           | 1 ml                            |
| Concentration       | 0.5 mg/ml                       |
| Storage             | Store at 4C. Do not freeze.     |
| Clonality           | Polyclonal                      |
| Preservative        | 0.09% Sodium Azide              |
| Isotype             | IgG                             |
| Purity              | Immunogen affinity purified     |
| Buffer              | Phosphate Buffered Saline (PBS) |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity Notes        | Minimum reactivity to mouse and rat.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity | By immunoelectrophoresis and ELISA this antibody reacts specifically with F(ab') <sub>2</sub> fragments of human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. Less than 1% cross reactivity to mouse and rat IgG was detected. This antibody may cross react with F(ab') <sub>2</sub> fragments of IgG from other species. |
| Immunogen               | Human IgG-F(ab') <sub>2</sub> Fragment                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Product Application Details |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                 |
| Recommended Dilutions       | Western Blot 1:1000 - 1:20000, Flow Cytometry, ELISA 1:1000 - 1:20000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000 |
| Application Notes           | Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. ELISA, for coating plates 1:50 - 1:250.                                        |

**Images**

Flow Cytometry: Goat F(ab')<sub>2</sub> anti-Human IgG F(ab')<sub>2</sub> Secondary Antibody (Pre-adsorbed) [NBP1-51900] - Human cancer cell line. Image from verified customer review.



## Publications

Zhou Y, Wen P, Li M et al. Construction of chimeric antigen receptor modified T cells targeting EpCAM and assessment of their anti tumor effect on cancer cells Mol Med Rep 2019-09-01 [PMID: 31322180]



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| NBP1-96816 | Donkey IgG F(ab') <sub>2</sub> Isotype Control [Biotin] |
|------------|---------------------------------------------------------|

### Limitations

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

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