

# Product Datasheet

## Kv4.2 Antibody (7G6A10) - BSA Free NBP2-52498

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-52498**

Kv4.2 Antibody (7G6A10) - BSA Free

| Product Information     |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Unit Size               | 0.1 mg                                                                                 |
| Concentration           | 1 mg/ml                                                                                |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                                             |
| Clone                   | 7G6A10                                                                                 |
| Preservative            | 0.05% Sodium Azide                                                                     |
| Isotype                 | IgG1                                                                                   |
| Purity                  | Protein G purified                                                                     |
| Buffer                  | PBS                                                                                    |
| Target Molecular Weight | 70.5 kDa                                                                               |

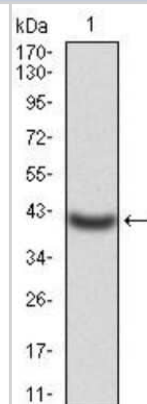
| Product Description |                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse Kv4.2 Antibody (7G6A10) - BSA Free (NBP2-52498) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                   |
| Gene ID             | 3751                                                                                                                                                                                                    |
| Gene Symbol         | KCND2                                                                                                                                                                                                   |
| Species             | Human                                                                                                                                                                                                   |
| Immunogen           | Purified recombinant fragment of human Kv4.2 (AA: 27-184) expressed in E. Coli.                                                                                                                         |

| Product Application Details |                                                       |
|-----------------------------|-------------------------------------------------------|
| Applications                | Western Blot, ELISA, CyTOF-ready                      |
| Recommended Dilutions       | Western Blot 1:500-1:2000, ELISA 1:10000, CyTOF-ready |
| Application Notes           | This antibody is Cytof ready.                         |

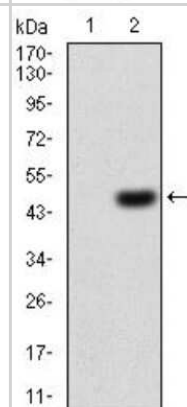


## Images

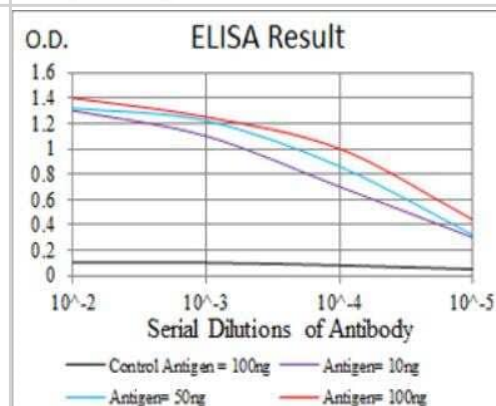
Western Blot: Kv4.2 Antibody (7G6A10) [NBP2-52498] - Analysis using KCND2 mAb against human KCND2 (AA: 27-184) recombinant protein. (Expected MW is 42.3 kDa)



Western Blot: Kv4.2 Antibody (7G6A10) [NBP2-52498] - Analysis using KCND2 mAb against HEK293 (1) and KCND2 (AA: 27-184)-hlgGFc transfected HEK293 (2) cell lysate.



ELISA: Kv4.2 Antibody (7G6A10) [NBP2-52498] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).





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### **Products Related to NBP2-52498**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP1-87708PEP    | Kv4.2 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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