

Product Datasheet

Goat anti-Monkey IgM Heavy Chain Secondary Antibody NBP2-59719-0.5mg

Unit Size: 0.5 mg

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

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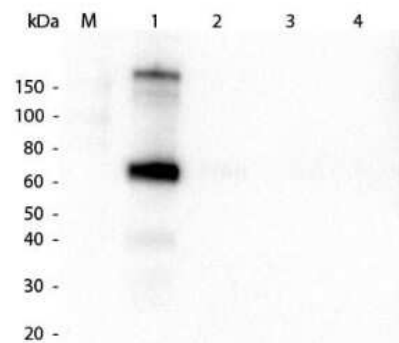


NBP2-59719-0.5mg**Goat anti-Monkey IgM Heavy Chain Secondary Antibody**

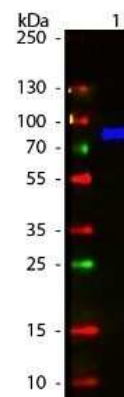
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.5 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Sodium Azide |
| Isotype | IgG |
| Purity | Multi-step |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Product Description | |
| Description | <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Monkey IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Monkey IgM and Monkey Serum</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p> |
| Host | Goat |
| Gene ID | 3507 |
| Gene Symbol | IGHM |
| Species | Monkey |
| Specificity/Sensitivity | No reaction was observed against other monkey heavy or light chain proteins. |
| Immunogen | Monkey IgM whole molecule |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000-1:5000, ELISA 1:15000 - 1:100000, Immunohistochemistry 1-500-1:2500 |
| Application Notes | This product has been tested by ELISA, SDS-PAGE, dot blot, and western blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user. |

Images

Western Blot: Goat anti-Monkey IgM Heavy Chain Secondary Antibody [NBP2-59719] - Western Blot of Goat anti-Monkey IgM Heavy Chain Secondary antibody. Lane 1: Monkey IgM. Lane 2: Monkey IgG. Lane 3: Monkey IgG (A and M Free). Lane 4: Monkey IgG F(c). Load: 50 ng per lane. Primary antibody: Goat anti-Monkey IgM Heavy Chain Secondary antibody at 1:1,000 for 1 hour at RT. Secondary antibody: Peroxidase conjugated Dk-a-Gt IgG at 1:40,000 for 30 min at RT. Block for 30 min at RT. Predicted/Observed size: 70 kDa, 70 kDa for Monkey IgM (μ chain).



Western Blot: Goat anti-Monkey IgM Heavy Chain Secondary Antibody [NBP2-59719] - Lane 1: Monkey IgM. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein goat secondary antibody at 1:1,000 for 60 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 72 kDa, 72 kDa for Monkey IgM. Other band(s): None. Image using the Fluorescein form of this antibody.



N/A: Goat anti-Monkey IgM Heavy Chain Secondary Antibody [NBP2-59719]

| Product | Gt-a-Monkey IgG | Gt-a-Monkey IgA | Gt-a-Monkey IgM |
|------------------|-----------------|-----------------|-----------------|
| Rhesus Serum | + | + | + |
| Baboon Serum | + | + | + |
| Cynomolgus Serum | + | + | + |
| Rhesus IgG | + | | |
| Human IgA | | + | |
| Human IgM | | | + |

Publications

Sarkar S, Spencer DA, Barnette P et al. CD4+ T Cells Are Dispensable for Induction of Broad Heterologous HIV Neutralizing Antibodies in Rhesus Macaques *Frontiers in Immunology* 2021-10-20 [PMID: 34745131] (Block/Neutralize)

de Alwis R, Zellweger RM, Chua E et al. Systemic inflammation, innate immunity and pathogenesis after Zika virus infection in cynomolgus macaques are modulated by strain-specificity within the Asian lineage *Emerg Microbes Infect* 2021-06-14 [PMID: 34120576] (ELISA)

Details:

This citation used the HRP format of this antibody.



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Products Related to NBP2-59719-0.5mg

| | |
|-------------|---------------------------------------|
| NB100-524 | NOD2 Antibody (2D9) - BSA Free |
| NBP1-96772 | Human IgM Heavy Chain Isotype Control |
| 7268-CT-100 | CTLA-4 [Unconjugated] |
| NB200-541 | Complement C4b/d Antibody (16D2) |

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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