

Datasheet for ABIN6747115
anti-Myosin 9 antibody (C-Term)

2 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | Myosin 9 (MYH9) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Myosin 9 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------|---|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic peptide from C-Terminus of human MYH9 (P35579, NP_002464). Percent identity by BLAST analysis: Human, Gorilla, Monkey (100%), Marmoset, Mouse, Panda, Dog (92%), Galago, Rat, Guinea pig, Platypus, Lizard (85%). Type of Immunogen: Synthetic peptide |
| Isotype: | IgG |
| Specificity: | Human MYH9 |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human (100%) Dog (92%) Mouse, Rat (85%). |
| Purification: | Immunoaffinity purified |

Target Details

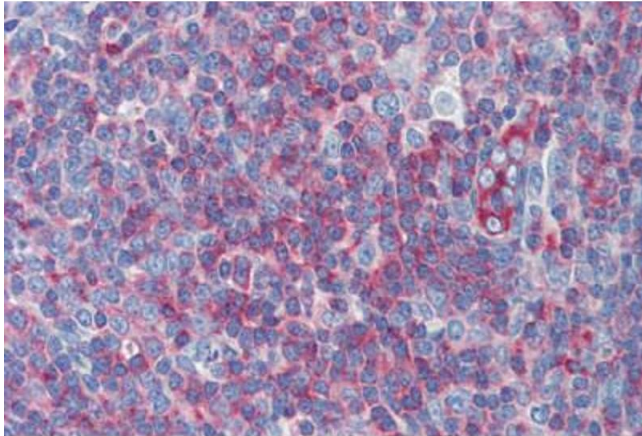
| | |
|-------------------|---|
| Target: | Myosin 9 (MYH9) |
| Alternative Name: | MYH9 (MYH9 Products) |
| Background: | Name/Gene ID: MYH9 Synonyms: MYH9, BDPLT6, FTNS, MHA, Myosin heavy chain 9, NMMHC-IIA, NMMHC-A, Myosin-9, NMMHC II-a, DFNA17, EPSTS, NMHC-II-A, NMMHCA |
| Gene ID: | 4627 |
| NCBI Accession: | NP_002464 |
| UniProt: | P35579 |
| Pathways: | Regulation of G-Protein Coupled Receptor Protein Signaling , Integrin Complex |

Application Details

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|--------------------|---|
| Application Notes: | Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:2500. |
| Comment: | Target Species of Antibody: Human |
| Restrictions: | For Research Use only |

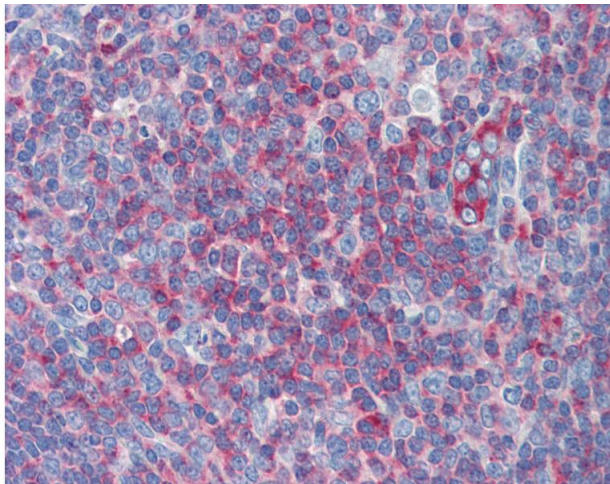
Handling

| | |
|------------------|---|
| Format: | Lyophilized |
| Reconstitution: | Distilled water |
| Concentration: | Lot specific |
| Buffer: | Lyophilized from PBS with 2 % sucrose |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-MYH9 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...