Datasheet: MCA4770

Description: MOUSE ANTI HUMAN TALIN-1
Specificity: TALIN-1
Format: Purified
Product Type: Monoclonal Antibody
Clone: 97H6
Isotype: IgG1
Quantity: 0.2 mg

RRID AB_10671591

Applications
This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>1/25 - 1/100</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>Immunofluorescence (2)</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.
(2) Methanol treatment is required prior to antibody staining

Target Species: Human
Species Cross Reactivity: Reacts with: Mouse, Rabbit
N.B. Antibody reactivity and working conditions may vary between species.

Product Form: Purified IgG - liquid
Preparation: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution: Phosphate buffered saline
Preservative Stabilisers: 0.09% Sodium Azide (NaN₃)
Carrier Free | Yes
---|---
Approx. Protein Concentrations | IgG concentration 1.0mg/ml
Immunogen | his-tagged polypeptide containing residues 489–911 of mouse talin1.
External Database Links | UniProt: 
| [Q9Y490](https://www.uniprot.org/uniprot/Q9Y490) Related reagents
| Entrez Gene: 
| [7094](https://www.ncbi.nlm.nih.gov/gene/7094) TLN1 Related reagents
Synonyms | KIAA1027, TLN
Fusion Partners | Spleen cells from immunized Balb/c mice were fused with cells from the NS0 murine myeloma.
Specificity | Mouse anti Human Talin-1 antibody, clone 97H6 recognizes an epitope within the region of amino acids 482-655 of humanTalin-1, a high molecular weight cytoskeletal protein, linking vinculin to the integrins, thereby linking the cytoskeleton to the extracellular matrix. It is specifically found in regions of cell-substratum contact and in lymphocytes at cell-cell contact points. Talin-1 plays a role in the assembly of actin filaments and in the migration of cells such as osteoclasts and fibroblasts.
Histology Positive Control Tissue | Tonsil
References
Storage | Store at +4°C or at -20°C if preferred.
This product should be stored undiluted.
Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee | 18 months from date of despatch.
Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Rabbit Anti Mouse IgG (STAR13...) HRP
Goat Anti Mouse IgG (STAR76...) RPE
Goat Anti Mouse IgG (STAR70...) FITC
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)