Datasheet: MCA1308

**Description:** MOUSE ANTI HUMAN SNAP-25

**Specificity:** SNAP-25

**Other names:** SYNAPTOSOMAL-ASSOCIATED PROTEIN

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** SP12

**Isotype:** IgG1

**Quantity:** 0.2 mg

**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](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</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>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>1/500 - 1/5000</td>
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Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

**Target Species**

Human

**Species Cross Reactivity**

Reacts with: Hamster, Pig, Rat, Gerbil

**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 A from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide

**Carrier Free**

Yes
Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Crude human synaptic immunoprecipitate.

External Database Links

UniProt: P60880 Related reagents

Entrez Gene: 6616 SNAP25 Related reagents

Synonyms

SNAP

Fusion Partners

Spleen cells from immunised BALB/c mice were fused with cells of the NSO myeloma cell line.

Specificity

Mouse anti Human SNAP-25 antibody, clone SP12 recognizes the human pre-synaptic protein, SNAP-25, also known as Synaptosomal-associated protein 25, Super protein (SUP) or Synaptosomal-associated 25 kDa protein. SNAP-25 is a 206 amino acid presynaptic protein of ~25 kDa containing two t-SNARE coiled-coil homology domains. Mouse anti human SNAP-25 antibody, clone SP12 will recognize SNAP-25 fusion protein from COS cells, but not the fusion protein from bacterial systems.

Mouse anti Human SNAP-25 antibody, clone SP12 has been used to study the distribution of synaptic changes in the hippocampus of patients with medically refractory temporal lobe epilepsy. (Honer et al. 1994).

Immunohistology

This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

Histology Positive Control Tissue

Brain

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.

**Health And Safety Information**


**Regulatory**

For research purposes only

**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)