

Product datasheet

Anti-MRP8 + MRP14 antibody [MAC 387], prediluted ab75636

★★★★☆ 1 Abreviews 2 Images

Overview

| | |
|----------------------------|--|
| Product name | Anti-MRP8 + MRP14 antibody [MAC 387], prediluted |
| Description | Mouse monoclonal [MAC 387] to MRP8 + MRP14, prediluted |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Mouse, Rat, Guinea pig, Cat, Dog, Human, Pig, Monkey, Baboon |
| Immunogen | Affinity purified monocyte membrane preparation |
| Positive control | Tonsil, lymph node, or spleen tissues. |

Properties

| | |
|-----------------------------|---|
| Form | Prediluted |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | Preservative: 15mM Sodium Azide Constituents: 0.5mol/L Tris HCl containing stabilizing protein, pH 7.6 |
| Purity | Protein G purified |
| Purification notes | ab75636 is purified from the ascites fluid by Protein G chromatography. |
| Clonality | Monoclonal |
| Clone number | MAC 387 |
| Isotype | IgG1 |

Applications

Our [Abpromise guarantee](#) covers the use of **ab75636** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------|
| IHC-P | ★★★★☆ | |

Application notes

IHC-P: Ready to use.

For staining of formalin-fixed tissues, digest sections with trypsin at 1mg/ml PBS, 10 min at 37C.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

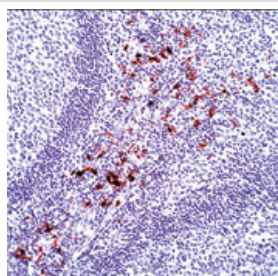
Relevance

MRP8 and MRP14 are members of the S100 family of proteins containing 2 EF hand calcium binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21.

Cellular localization

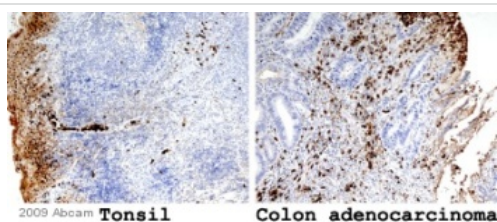
Cytoplasmic and Nuclear

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MRP8 + MRP14 antibody [MAC 387], prediluted (ab75636)

MRP8 + MRP14 staining in human tonsil by Immunohistochemistry. Formalin-fixed, Paraffin-embedded tissue using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of macrophages.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MRP8 + MRP14 antibody [MAC 387], prediluted (ab75636)

This image is a courtesy of Anonymous Abreview

ab75636 staining MRP8 + MRP14 in human tonsil and colon tissue sections by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissues underwent formaldehyde fixation before heat mediated antigen retrieval with citrate at 100°C for 20 minutes. The primary antibody was used diluted to 1 µg/ml with commercially available background reducing agents and incubated with sample for 20 minutes at 25°C. A HRP conjugated rabbit polyclonal to mouse IgG was used undiluted as secondary antibody.

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