

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
Host species	Mouse
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

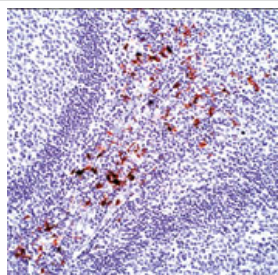
Relevance

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

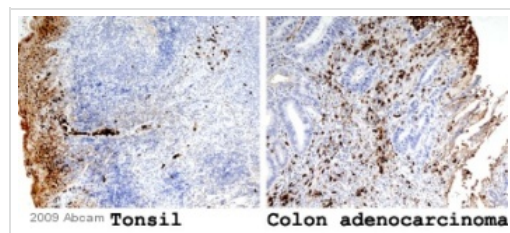
Cytoplasmic and Nuclear

Images



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)



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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