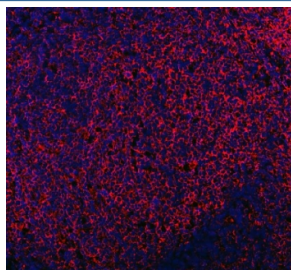


MRC1 Antibody / Macrophage mannose receptor 1 / CD206 (RQ8722)

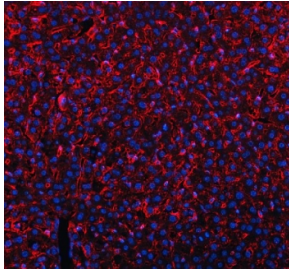
Catalog No.	Formulation	Size
RQ8722	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

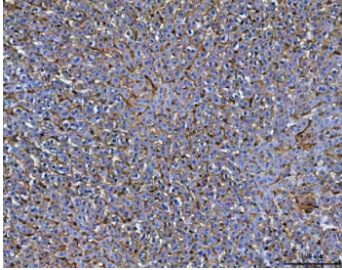
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.05% sodium azide
UniProt	P22897
Localization	Cell membrane, cytoplasm
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This MRC1 antibody is available for research use only.



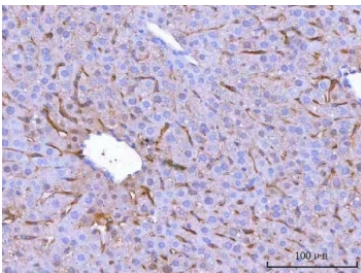
Immunofluorescent staining of FFPE human tonsil tissue with MRC1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



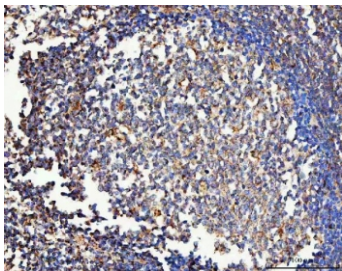
Immunofluorescent staining of FFPE mouse liver tissue with MRC1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



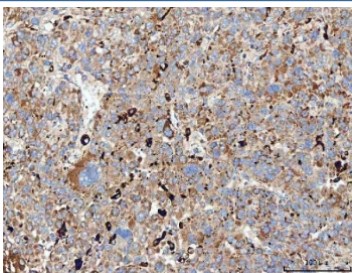
IHC staining of FFPE rat liver tissue with MRC1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



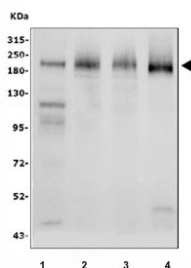
IHC staining of FFPE mouse liver tissue with MRC1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with MRC1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer tissue with MRC1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat lung, 2) mouse lung, 3) human liver and 4) monkey lung tissue lysate with MRC1 antibody. Predicted molecular weight ~166 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Macrophage mannose receptor 1 mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. [UniProt]

Application Notes

Optimal dilution of the MRC1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids D21-A1140) was used as the immunogen for the MRC1 antibody.

Storage

After reconstitution, the MRC1 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.