Product datasheet

Anti-CD206/MRC1 Antibody

Catalog Number: *BM4881*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn

Basic Information

Product Name	Anti-CD206/MRC1 Antibody
Gene Name	MRC1
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, ICC/IF
Contents	500 ug/ml;Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen	A synthesized peptide derived from human MRC1
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	185KD
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence(ICC/IF):1:20-100

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

The mannose receptor (Cluster of Differentiation 206,CD206) is a C-type lectin primarily present on the surface of macrophages,immature dendritic cells and liver sinusoidal endothelial cells,but is also expressed on the surface of skin cells such as human dermal fibroblasts and keratinocytes. It is mapped to 10p12.33. The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes,including cell-cell recognition,serum glycoprotein turnover,and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses,bacteria,and fungi so that they can be neutralized by phagocytic engulfment.

Reference

Anti-CD206/MRC1 Antibody被引用在3文献中。

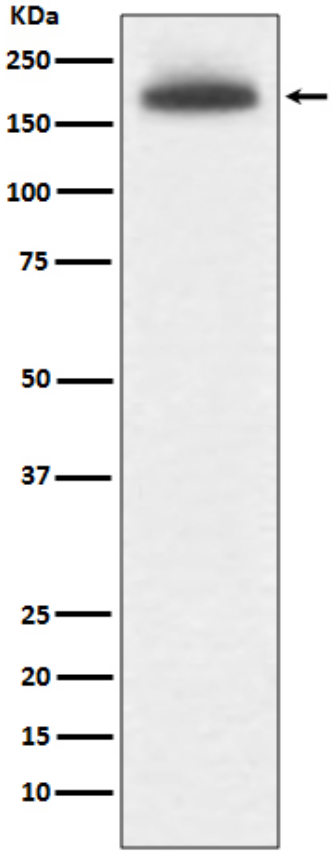
Selected Validation Data

Product datasheet

Anti-CD206/MRC1 Antibody

Catalog Number: *BM4881*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn



Western blot analysis of MRC1 expression in 293T cell lysate.