Ablumir
Built Around Immunology

Anti-CD206/MRC1 Rabbit mAb [71A92]

Catalog No.: A52052

Basic Information

Catalog No. (Cat.No.)	A52052
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	CD206/MRC1,MMR,CMR,CD206

Product Information

Target	CD206/MRC1
Molecular Weight(Calculated)	190 kDa
Molecular Weight(Observed)	190 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	71A92
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

Ablumir
Built Around Immunology

Product Usage Information

Application	Dilution
WB	1:5000-1:20000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Mannose receptor C-type 1
Gene Name	*MRC1*
Domain	NA
Background	CD206/MRC1 (Mannose receptor C-type 1) is a member of the C-type lectin superfamily, which performs pattern recognition, endocytosis and macrophage phenotype regulation. This molecule is predominantly expressed on M2-type macrophages and subsets of dendritic cells. Its extracellular domain recognizes mannose- and fucose-modified pathogens and apoptotic cell debris, mediating endocytic clearance of ligands. CD206 participates in tissue repair and anti-inflammatory immune responses. In the tumor microenvironment, tumor-associated macrophages highly express CD206, promoting the formation of an immunosuppressive microenvironment and facilitating tumor progression. CD206 serves as a classic surface marker for M2-like macrophages and is widely applied in studies of tissue immune microenvironment, inflammatory models, tumor immunity and pathogen immune escape mechanisms.