CD206 antibody

Product Information

Catalog No.:	FNab01442
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months(Avoid repeated freeze / thaw cycles.)

Background

CD206, also named as MMR, CLEC13D and MRC1, is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. CD206 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. CD206 is a 170 kDa transmembrane protein which contains 5 domains: an amino-terminal cysteine-rich region, a fibronectin type II repeat, a series of eight tandem lectin-like carbohydrate recognition domains(responsible for the recognition of mannose and fucose), a transmembrane domain, and an intracellular carboxy-terminal tail. It is expressed on most tissue macrophages, in vitro derived dendritic cells, lymphatic and sinusoidal endothelia. This antibody recognizes the intracellular carboxy-terminal part of CD206 and MRC1L1.

Immunogen information

Immunogen:	mannose receptor, C type 1
Synonyms:	Macrophage mannose receptor 1 (MMR)|C-type lectin domain family 13 member D|C-type lectin domain family 13 member D-like|Human mannose receptor (hMR)|Macrophage mannose receptor 1-like protein 1|MRC1|CLEC13D|CLEC13DL|MRC1L1
Observed MW:	166 kDa
Uniprot ID :	P22897

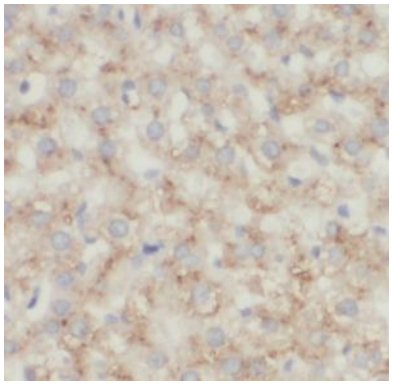
Application

Reactivity: Human, Mouse, Rat

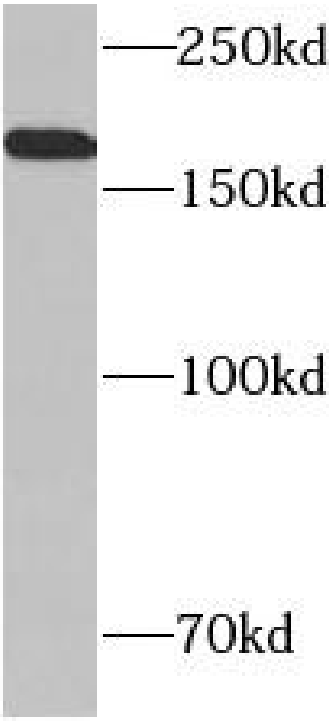
Tested Application: ELISA, WB, IHC, FC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:50-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver using FNab01442(MRC1 antibody) at dilution of 1:100



mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab01442(MRC1 antibody) at dilution of 1:500