Biomatik
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anti- CD206 antibody

Product Information

Catalog No.:	CAF50400
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.

Immunogen information

Immunogen:	mannose receptor, C type 1
Synonyms:	CD206, CLEC13D, Macrophage mannose receptor 1, Mannose receptor, mannose receptor, C type 1, MMR, MRC1
Observed MW:	166 kDa
Uniprot ID :	P22897

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:200-1:2000; IHC: 1:50-1:200; IF: 1:50-1:200
Image:	

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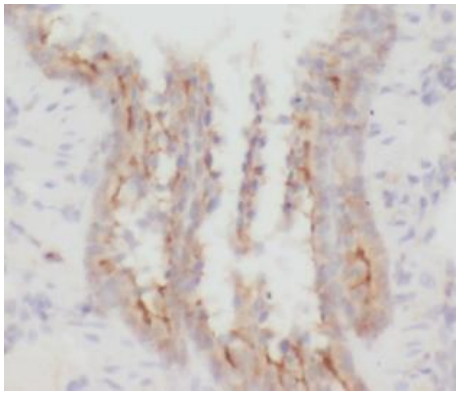
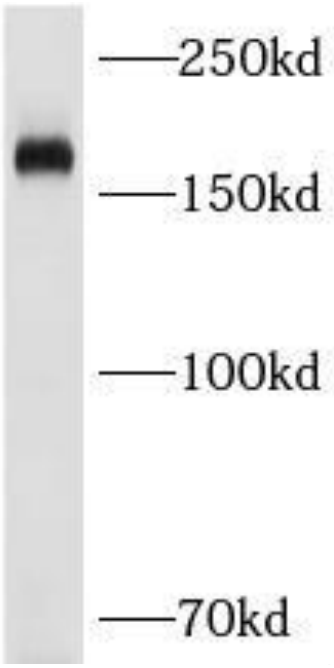


Immunohistochemistry of paraffin-embedded human lung using CAF50400(CD206 antibody) at dilution of 1:100



Mouse liver were subjected to SDS PAGE followed by western blot with CAF50400(CD206 antibody) at dilution of 1:1000