Product Name: **CD206 Mouse Monoclonal Antibody**
Catalog #: **AMM82628**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,FC 1:200-1:400
Molecular Weight	166 kDa

Antigen Information

Gene Name	CD206
Alternative Names	MMR; hMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541I19.1
Gene ID	4360.0
SwissProt ID	P22897
Immunogen	Purified recombinant fragment of human CD206 (AA: extra(19-218)) expressed in E. Coli.

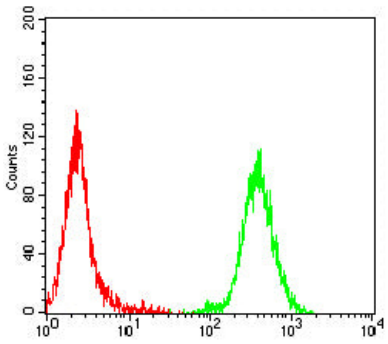
Background

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

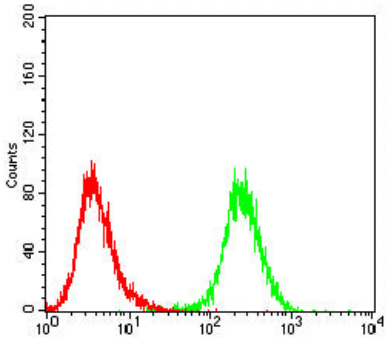
shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment.[provided by RefSeq, Sep 2015]

Research Area

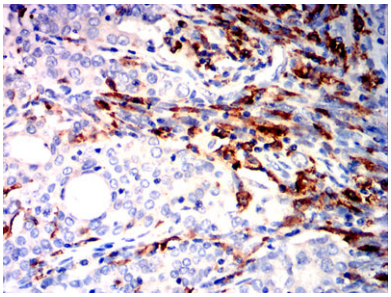
Image Data



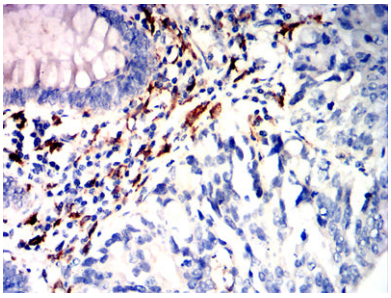
Flow cytometric analysis of MOLT4 cells using CD206 mouse mAb (green) and negative control (red).



Flow cytometric analysis of U937 cells using CD206 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD206 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CD206 mouse mAb with DAB staining.