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Anti-CD66d Antibody

Catalog # AP95765

Product Information

Application	WB, FC
Primary Accession	P40198
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	27091

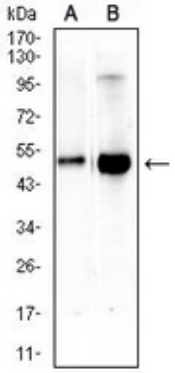
Additional Information

Gene ID	1084
Other Names	CD66D; CGM1; CarcinoembryonIC, antigen-related cell adhesion molecule 3; CarcinoembryonIC, antigen CGM1; CD66d
Target/Specificity	Recombinant fusion protein of human CD66d expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

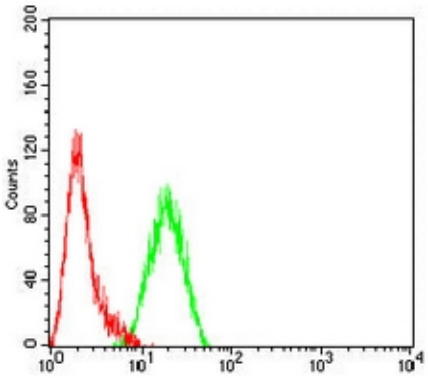
Protein Information

Name	CEACAM3 (HGNC:1815)
Function	Major granulocyte receptor mediating recognition and efficient opsonin-independent phagocytosis of CEACAM-binding microorganisms, including Neissiria, Moxarella and Haemophilus species, thus playing an important role in the clearance of pathogens by the innate immune system. Responsible for RAC1 stimulation in the course of pathogen phagocytosis.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	CGM1a, the predominant CGM1 transcript, is granulocyte-specific. Not detected out of the granulocytic lineage, such as monocytes, lymphocytes, spleen, testis, colon, brain, liver, pancreas, thymus, ovary, placenta, skeletal muscle, prostate, small intestine, heart, lung and kidney.

Images



Western blot analysis of CD66d expression in rat spleen (A), rat lung (B) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 50 kD)



Flow cytometric analysis of THP1 cells using Anti-CD66d Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.