

DATASHEET

CD66d Mouse Monoclonal Antibody(C2628)

CAT. NO. AMA02240

KEY FEATURES

| | | | |
|---------------|--|---------------|--------------|
| Target | CD66d | Source / Host | Mouse |
| Reactivity | Human, Rat | Clonality | Monoclonal |
| Applications | WB, FC | Conjugation | Unconjugated |
| Form / Buffer | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. | Storage | at-20°C |

BACKGROUND

Major granulocyte receptor mediating recognition and efficient opsonin-independent phagocytosis of CEACAM-binding microorganisms, including Neisseria, 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
| FC | 1:100 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

| | |
|-------------------|--|
| Description | Mouse monoclonal to CD66d |
| Specificity | Recognizes endogenous levels of CD66d protein |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human CD66d expressed in E. Coli |
| Purification | This antibody is purified through a protein G column. |
| Molecular Weight | Predicted: 27 kD; Observed: 50 kD |
| Form/Buffer | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | CD66D; CGM1; CarcinoembryonIC, antigen-related cell adhesion molecule 3; CarcinoembryonIC, antigen CGM1; CD66d |
| Gene Symbol | CEACAM3 |
| Entrez Gene | 1084(Human) |
| SwissProt | P40198(Human); Q63111(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

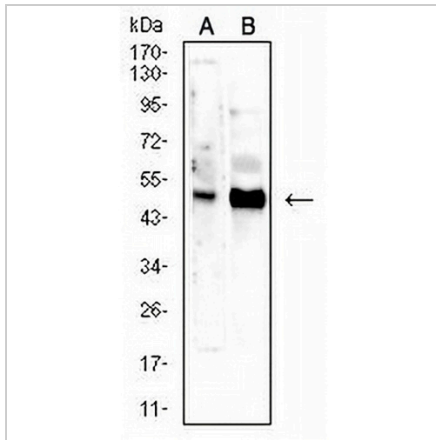
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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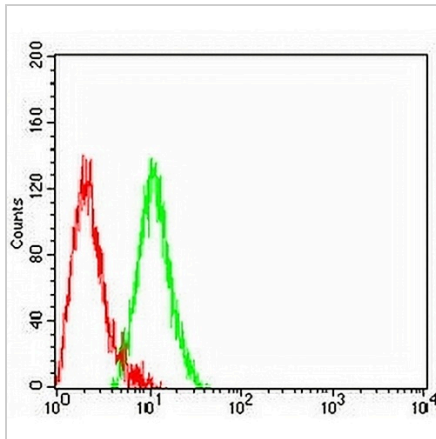
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Western blot analysis of CD66d expression in rat spleen (A), rat lung (B) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 50 kD)



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

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.