

## DATASHEET

# CD66d Mouse Monoclonal Antibody(C2627)

CAT. NO. AMA02239

### 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](mailto:info@arexbio.com) or your local distributor.

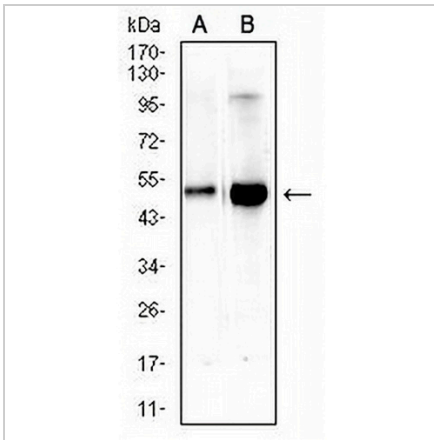
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

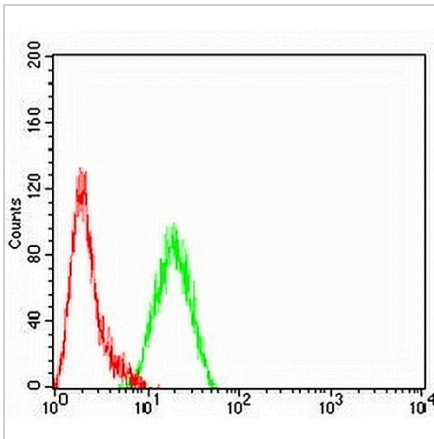
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**DATA**



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.