

# Anti-CD66d Antibody

Catalog # AP95766

## Product Information

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|-------------------|------------------------|
| Application       | WB, FC                 |
| Primary Accession | <a href="#">P40198</a> |
| Reactivity        | Human, Rat             |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 27091                  |

## Additional Information

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|--------------------|----------------------------------------------------------------------------------------------------------------|
| 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                                                      |

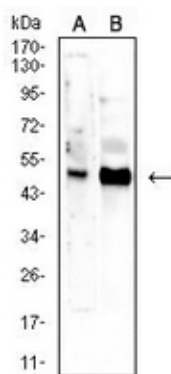
## Protein Information

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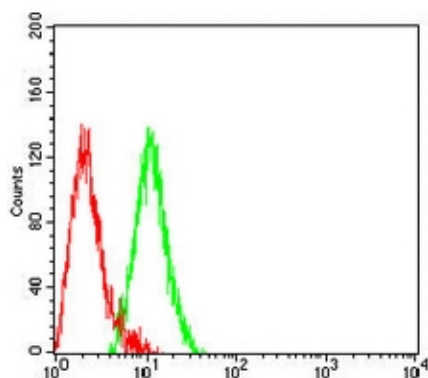
|                   |                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | CEACAM3 ( <a href="#">HGNC:1815</a> )                                                                                                                                                                                                                                                                                                                        |
| 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

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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).

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