

CEACAM-8 / CD66b Antibody (GM2H6)

Lot Number: QH2068051

Product Data Sheet

Tested Species Reactivity

Human (Hu)

Tested Applications

Flow Cytometry (FACS)	1.2 µg/ 10 ⁶ cells
ELISA (ELISA)	1:200-1:400

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details

Catalog Number:	MA1-17768
Size:	100 µg
Class:	Monoclonal
Type:	Antibody
Clone:	GM2H6
Host / Isotype:	Mouse / IgG1
Immunogen:	Target cDNA.

Form Information

Form:	Liquid
Concentration:	2mg/ml
Purification:	Protein G
Storage Buffer:	PBS, pH 7.2
Preservative:	no preservative
Storage Conditions:	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Product Specific Information

This antibody recognizes native human CEACAM8 protein expressed in transfected mammalian cells.

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General Information

CEA-related cell adhesion molecule 8 (CEACAM8, CD66b) belongs to the carcinoembryonic antigen (CEA) gene family. It encodes a glycosylphosphatidylinositol (GPI)-linked glycoprotein with a MW of 95kDa which is expressed in cells of the granulocyte-lineage. It is expressed in neutrophils and eosinophils and is characterized as a granulocyte-specific activation antigen. CEACAM8 could serve as a marker for granulocyte activities. Like all members of the CEA family, it consists of a single N domain, with structural homology to the immunoglobulin variable domains, followed by two immunoglobulin constant-like A and B domains.

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