

## Mouse anti-Human CD65 Monoclonal Antibody | anti-CD65 antibody

Anti-Hu CD65 Purified

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                     |
|-----------|-------|------------|----------------------------------|
| AAA129036 | Mouse | Human      | Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

CD65; Monoclonal Antibody; Anti-Hu CD65 Purified; ceramide-dodecasaccharide; type II fucoganglioside; anti-CD65 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                          |
| Reactivity                                     | Human                                                                                                                                                                          |
| Clonality                                      | Monoclonal                                                                                                                                                                     |
| Isotype                                        | IgM                                                                                                                                                                            |
| Clone Number                                   | VIM8                                                                                                                                                                           |
| Specificity                                    | The mouse monoclonal antibody VIM8 recognizes human CD65, an asialo-fucoganglioside expressed on the surface of peripheral blood granulocytes (highly) and monocytes (weakly). |
| Purity/Purification                            | Purified by Protein-A Affinity Chromatography                                                                                                                                  |
| Form/Format                                    | Tris buffered saline (TBS) solution with 15 mM sodium azide                                                                                                                    |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                        |
| Applicable Applications for anti-CD65 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                      |
| Immunogen                                      | THP-1 cell line                                                                                                                                                                |
| Preparation and Storage                        | Store at 2-8 degree C.                                                                                                                                                         |

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD65 antibody | CD65 is a fucosylated carbohydrate antigen (ceramide-dodecasaccharide, type II fucoganglioside), which serves as a ligand for CD62E (E-selectin). Its structure is Gal beta1-4 GlcNAc beta1-3 Gal beta1-4 GlcNAc (3-1 Fuc alpha) beta1-3 ceramide. Unlike CD65s, the CD65 antigen does not contain terminal sialic acid, the rest of their structure is identical. CD65 is expressed on granulocytes and monocytes and participates in cell adhesion. It has been reported as important for extravascular infiltration of acute monocytic leukemia cells. |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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