



# Anti-Human IgHM monoclonal antibody, clone DI3 [PE] (DCABH-9768)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Product Overview</b>    | Mouse monoclonal to Human IgM Fc fragment (Phycoerythrin)  |
| <b>Antigen Description</b> | Immunoglobulin M (IgM) is produced as a 900 kDa pentamer, which is an efficient complement binder. This antibody type is produced initially in the immune response and it is the first immunoglobulin class to be synthesized by a fetus or newborn. IgM antibodies do not cross the placenta. IgM concentration in blood is 0.12 g/l and its biological survival (plasma T1/2) is 5 days. |
| <b>Specificity</b>         | The antibody CH2 reacts with Fc fragment of human IgM.   |
| <b>Immunogen</b>           | Purified human IgM.  |
| <b>Isotype</b>             | IgG1   |
| <b>Source/Host</b>         | Mouse  |
| <b>Species Reactivity</b>  | Human  |
| <b>Clone</b>               | DI3  |
| <b>Purification</b>        | The conjugate is purified by size exclusion chromatography.  |
| <b>Conjugate</b>           | PE   |
| <b>Applications</b>        | Flow Cyt   |
| <b>Positive Control</b>    | Human peripheral blood cells   |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 100 µg   |

|                     |  |
|---------------------|--|
| <b>Buffer</b>       | Preservative: 15mM Sodium Azide; Constituents: 0.2% BSA, PBS |
| <b>Preservative</b> | 15mM Sodium Azide  |
| <b>Storage</b>      | Store at +4°C.   |

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | <a href="#">IGHM Immunoglobulin heavy constant mu [ Homo sapiens ]</a> |
| <b>Official Symbol</b> | IGHM   |
| <b>Synonyms</b>        | IGHM; Immunoglobulin heavy constant mu;                                |
| <b>Entrez Gene ID</b>  | <a href="#">28216</a>  |