

Anti-CD23 Neutralizing Antibody (V3S-1022-YC6026)

Cat. No.: V3S-1022-YC6026

Summary

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|---------------------------|---|
| Description | This product is a Human monoclonal antibody that is capable of recognizing CD23. It can be used for CD23 detection in Immunoprecipitation (IP), Immunofluorescence (IF), Functional Assay (FuncS), Flow Cytometry (FC), Neutralization Assay (Neut), Enzyme-Linked Immunosorbent Assay (ELISA), Immunocytochemistry (ICC). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg. |
| Clonality | Monoclonal |
| Host Species | Human |
| Target Species | Human |
| Isotype | IgG1 kappa |
| Isotype Control | C67002 |
| Secondary Antibody | C32400; C75370; C10513; C51635 |

Property

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|---------------------------|---|
| Expression Species | HEK293F or CHO Cell line |
| Conjugation | Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form. |
| Purity | >95%, determined by SDS-PAGE and SEC-HPLC |
| Endotoxin | <1 EU/mg, determined by LAL method |
| Purification | Purified with Protein A or G affinity chromatography |
| Sterility | 0.2 µM filtered |
| Formulation | PBS, pH 7.4 |
| Preservation | No preservatives |
| Stabilizer | No stabilizers |
| Storage | Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics. |

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Applications

Application IP; IF; FuncS; FC; Neut; ELISA; ICC

Target

Target CD23

Alternative Name FCER2; Fc fragment of IgE, low affinity II, receptor for (CD23); CD23A, Fc fragment of IgE, low affinity II, receptor for (CD23A), FCE2; low affinity immunoglobulin epsilon Fc receptor; CD23; CLEC4J; BLAST-2; CD

Gene ID [2208](#)

UniProt [P06734](#)

Introduction CD23, also known as Fc epsilon RII, or FcεRII, is the "low-affinity" receptor for IgE, an antibody isotype involved in allergy and resistance to parasites, and is important in regulation of IgE levels. Unlike many of the antibody receptors, CD23 is a C-type lectin. It is found on mature B cells, activated macrophages, eosinophils, follicular dendritic cells, and platelets.

Research Area Cell Biology; Immunology

Related Disease Allergic asthma

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