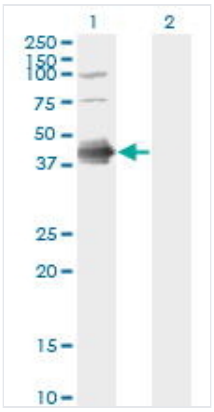
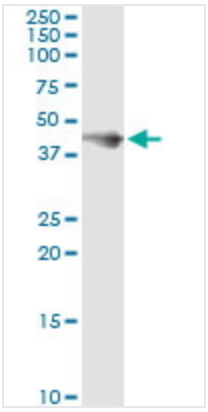
# FCER2 Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

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| **Product Name** | FCER2, Monoclonal Antibody |
| **Full Product Name** | FCER2 (Fc fragment of IgE, low affinity II, Receptor for (CD23), CD23, CD23A, CLEC4J, FCE2, IGEBF) (FITC) |
| **Product Gene Name** | anti-FCER2 antibody |
| **Product Synonym Names** | Fc fragment of IgE; low affinity II; Receptor for (CD23); CD23; CD23A; CLEC4J; FCE2; IGEBF |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1,k |
| **Clone Number** | S52 |
| **Host** | Mouse |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC). |
| **Purity/Purification** | Purified |
| **Specificity** | Recognizes FCER2. |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor<br><br>FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |
| **Immunogen** | FCER2 (AAH14108, 1aa-321aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | MEEGQYSEIEELPRRRCCRRGTQIVLLGLVTAALWAGLLTLLLLWHWDTTQGLKQLEERAARNVSQVSKNLESHHGDQMAQKSQSTQISQELEELRAEQ |
| **Conjugate** | FITC |
| **Product Categories/Family for anti-FCER2 antibody** | Antibodies; CD Markers |
| **Applications Tested/Suitable for anti-FCER2 antibody** | ELISA (EIA), Immunoprecipitation (IP), Western Blot (WB) |
| **Application Notes for anti-FCER2 antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-FCER2 antibody** | The human leukocyte differentiation antigen CD23 (FCE2) is a key molecule for B-cell activation and growth. It is the low-affinity receptor for IgE. The t |
| **Other Notes** | Small volumes of anti-FCER2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces |
| **Searchable Terms for FCER2 purchase** | MBS6175294 is an antibody targeting FCER2. Also known as FCER2 (Fc fragment of IgE, low affinity II, Receptor for (CD23), CD23, CD23A, CLEC4J, |




**Western Blot (WB) of anti-FCER2 antibody**
Western Blot analysis of FCER2 expression in transfected 293T cell line by FCER2 monoclonal antibody (M03), clone S52.Lane 1: FCER2 transfected lysate (36.5 KDa).Lane 2: Non-transfected lysate.




**Immunoprecipitation (IP) of anti-FCER2 antibody**
Immunoprecipitation of FCER2 transfected lysate using anti-FCER2 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with FCER2 MaxPab rabbit polyclonal antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FCER2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15559485 |
| **NCBI GeneID** | 2208 |
| **NCBI Accession #** | AAH14108 |
| **UniProt Related Accession #** | P06734 |
| **NCBI Official Full Name** | Fc fragment of IgE, low affinity II, receptor for (CD23) |
| **NCBI Official Synonym Full Names** | Fc fragment of IgE receptor II |
| **NCBI Official Symbol** | FCER2 |
| **NCBI Official Synonym Symbols** | CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2 |
| **Protein Family** | Low affinity immunoglobulin epsilon Fc receptor |
| **NCBI Protein Information** | low affinity immunoglobulin epsilon Fc receptor |
| **NCBI Summary for FCER2** | The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011] |
| **Research Articles on FCER2** | **1.** IL-3 transcriptionally regulates surface levels of Fcepsilon RI in human primary basophils. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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