

Mouse anti-human Fc epsilon R Monoclonal Antibody | anti-FcepsilonR antibody

Anti-Fc epsilon R [IE7]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72130	Mouse	human	Flow Cytometry, Functional Assay

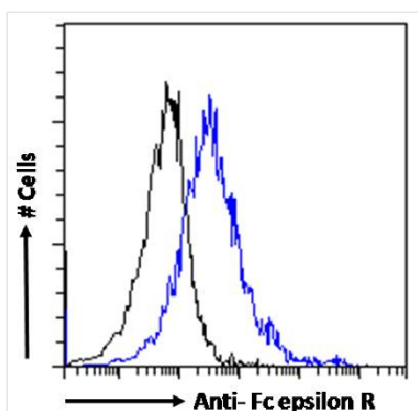
PRODUCT SYNONYMS

Fc epsilon R; Monoclonal Antibody; Anti-Fc epsilon R [IE7]; FceRI; IgE receptor; anti-FcepsilonR antibody

PRODUCT SPECIFICATIONS

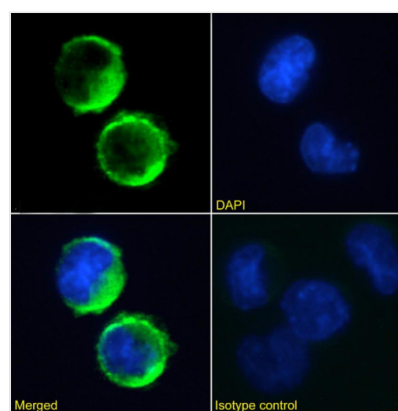
Host	Mouse
Reactivity	human
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	IE7
Specificity	This antibody binds to human Fc epsilon receptor, but does not compete with IgE binding.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FcepsilonR antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using the Anti-Fc epsilon R antibody IE7 . U937 cells were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG version of IE7 at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)

Immunofluorescence staining of U937 cells using anti-Fc epsilon R antibody IE7. Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shi-fix cover-slips and stained with the chimeric rabbit IgG version of IE7 at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FcepsilonR antibody	Recombinant monoclonal antibody to Fc epsilon R. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma IE7. Recombinant human protein, N-terminus.
Product Categories/Family for anti-FcepsilonR antibody	immunology; allergy

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758344
NCBI GeneID	2207
NCBI Accession #	NP_004097.1
NCBI GenBank Nucleotide #	NM_004106.1
UniProt Accession #	P30273; Q5VTW4
Molecular Weight	9,667 Da
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit gamma
NCBI Official Synonym Full Names	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
NCBI Official Symbol	FCER1G
NCBI Official Synonym Symbols	FCRG
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit gamma; fcRgamma; fceRI gamma; fc-epsilon RI-gamma; Fc receptor gamma-chain; immunoglobulin E receptor, high affinity, gamma chain
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit gamma
UniProt Gene Name	FCER1G
UniProt Synonym Gene Names	FcRgamma; FceRI gamma
UniProt Entry Name	FCERG_HUMAN

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.