



Anti-FCER1G monoclonal antibody (DCABH-11545)

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

PRODUCT INFORMATION

Antigen Description	The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors.
Immunogen	A synthetic peptide of human FCER1G is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FCER1G Fc fragment of IgE, high affinity I. receptor for: gamma polypeptide [Homo sapiens]
Official Symbol	FCER1G

Synonyms	FCER1G; Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide; 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; FCRG;
Entrez Gene ID	2207
Protein Refseq	NP_004097
UniProt ID	P30273
Chromosome Location	1q23
Pathway	Asthma, organism-specific biosystem; Asthma, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; GPVI-mediated activation cascade, organism-specific biosystem;
Function	IgE binding; IgG binding; receptor activity; transmembrane signaling receptor activity;