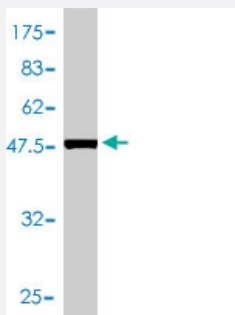


FCER1A polyclonal antibody (A01)

Catalog # H00002205-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (54.38 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant FCER1A.
Immunogen	FCER1A (AAH05912.1, 1 a.a. ~ 257 a.a) full-length recombinant protein with GST tag.
Sequence	MAPAMESPTLLCVALLFFAPDGVLAVPQKPKVSLNPPWNRIFKGENVTLCNGNFFFEVSSTKW FHNGSLSEETNSSLNMVNAKFEDSGEYKQHQVNESEPVYLEVFSDWLLQASAEVVMGQPL FLRCHGWRNWDVYKVIYKDGEALKYWYENHNISITNATVEDSGTYCTGKVVQLDYSEPLNITVI KAPREKYWLQFFIPLLVLFAVDTGLFISTQQQVTFLLKIKRTRKGFRLNPHKPNPKNN
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.38 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — FCER1A

Entrez GeneID [2205](#)

GeneBank Accession# [BC005912](#)

Protein Accession# [AAH05912.1](#)

Gene Name FCER1A

Gene Alias FCE1A, FcERI

Gene Description Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide

Omim ID [147140](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The IgE receptor plays a central role in allergic disease, coupling allergen and mast cell to initiate the inflammatory and immediate hypersensitivity responses that are characteristic of disorders such as hay fever and asthma. The allergic response occurs when 2 or more high-affinity IgE receptors are crosslinked via IgE molecules that in turn are bound to an allergen (antigen) molecule. A perturbation occurs that brings about the release of histamine and proteases from the granules in the cytoplasm of the mast cell and leads to the synthesis of prostaglandins and leukotrienes--potential effectors of the hypersensitivity response. The IgE receptor consists of 3 subunits: alpha, beta (MIM 147138), and gamma (MIM 147139); only the alpha subunit is glycosylated.[supplied by OMIM]

Other Designations

Fc IgE receptor, alpha polypeptide|Fc epsilon RI alpha-chain|Fc-epsilon RI-alpha|high affinity immunoglobulin epsilon receptor alpha-subunit|immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide

Pathway

- [Asthma](#)
- [Fc epsilon RI signaling pathway](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Dermatitis](#)
- [Drug Hypersensitivity](#)
- [Eczema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Diseases](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Occupational Diseases](#)

- [Periodontitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urticaria](#)
- [Wegener Granulomatosis](#)