

FCER1A antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI12554

Product Information

Application WB Primary Accession P12319

Other Accession
Reactivity
Predicted

NM_002001, NP_001992
Human, Rat, Rabbit
Human, Rabbit

HostRabbitClonalityPolyclonalCalculated MW29596

Additional Information

Gene ID 2205

Alias Symbol FCE1A, FcERI

Other Names High affinity immunoglobulin epsilon receptor subunit alpha, Fc-epsilon

RI-alpha, FcERI, IgE Fc receptor subunit alpha, FCER1A, FCE1A

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-FCER1A antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions FCER1A antibody - middle region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name FCER1A

Synonyms FCE1A

Function High-affinity receptor for immunoglobulin epsilon/IgE. Mediates IgE effector

functions in myeloid cells. Upon IgE binding and antigen/allergen

cross-linking initiates signaling pathways that lead to myeloid cell activation and differentiation. On mast cells, basophils and eosinophils stimulates the secretion of vasoactive amines, lipid mediators and cytokines that contribute

to inflammatory response, tissue remodeling and cytotoxicity against

microbes. Triggers the immediate hypersensitivity response to allergens as a host defense mechanism against helminth parasites, pathogenic bacteria and

venom toxicity. When dysregulated, it can elicit harmful life-threatening

allergic and anaphylactic reactions.

Cellular Location Cell membrane; Single-pass type I membrane protein

Tissue Location Expressed in eosinophils.

Images

90 kDa_ 65 kDa_ 40 kDa_ 29 kDa_

WB Suggested Anti-FCER1A Antibody Titration: 0.2-1

μg/ml

ELISA Titer: 1:62500

Positive Control: Human Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.