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FCER1A antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12554

Product Information

Application	WB
Primary Accession	P12319
Other Accession	NM_002001, NP_001992
Reactivity	Human, Rat, Rabbit
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29596

Additional Information

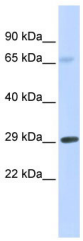
Gene ID	2205
Alias Symbol	FCE1A, FcERI
Other Names	High affinity immunoglobulin epsilon receptor subunit alpha, Fc-epsilon RI-alpha, FcERI, IgE Fc receptor subunit alpha, FCER1A, FCE1A
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & 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



WB Suggested Anti-FCER1A Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human Muscle