



Mouse Anti-Human Fc epsilon RI alpha monoclonal antibody, clone 884815 (CABT-L3178)

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

PRODUCT INFORMATION

Specificity	Detects human Fc epsilon RI alpha in direct ELISAs.
Target	Human Fc epsilon RI alpha
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Fc epsilon RI alpha, Val26-Gln205
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	884815
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	FC, Neut,
Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None

Storage	Long time storage is recommended at -20°C.
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Ship	Wet ice
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BACKGROUND

Introduction	The alpha subunit of the high affinity IgE receptor (Fc epsilon RI alpha or Fc epsilon R1A) is an IgE-binding type I transmembrane glycoprotein of the multichain immune recognition (MIRR) family. The receptor, Fc epsilon RI, is a tetrameric complex of one alpha, one beta and two gamma subunits (alpha beta gamma 2) on mast cells and basophils. An alternate trimeric form (alpha gamma 2) is expressed on human, but not rodent, mast cells, basophils, eosinophils and professional antigen presenting cells. While the gamma subunit is essential for expression of Fc epsilon RI alpha on the cell surface and for cell signaling, the beta subunit, when present, increases the halflife of the Fc epsilon RI complex on the cell surface
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Keywords	Fc epsilon RI alpha;FCE1A;FCER1A;FcERI;FceRIa
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GENE INFORMATION

Synonyms	Fc epsilon RI alpha; FCE1A; FCER1A; FcERI; FceRIa
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Entrez Gene ID	2205
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