Fc epsilon R1 alpha antibody [CRA2] (Biotin)

Cat. No. GTX00850

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, Functional Assay
Reactivity	Human

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	~1 µg /ml
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
Functional Assay	Assay dependent

Note : Titration of IgE-bound fraction of the Fc epsilon R1 alpha using clone CRA1 and CRA2 antibodies.

Not tested in other applications.

Calculated MW	30 kDa. (Note)
Product Note	The CRA1 (AER37) monoclonal antibody reacts with the Fc epsilon R1 alpha subunit on a region that does not overlap the region of the IgE binding site, thus it does not compete withIgE for the receptor binding. Since the CRA2 (AER24) monoclonal antibody reacts with the IgE binding site on Fc epsilon R1 alpha, it competes with IgE for the receptor binding. Combining the two antibodies, one can quantitatively measure the amounts of the IgE-bound Fc epsilon R1 alpha.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)

For full product information, images and publications, please visit our website.

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Immunogen	Recombinant extracellular protein of human Fc epsilonR1alpha; (corresponding to amino acids Met-26-197, where signal peptide is 1-25) Epitope: 110-197 amino acids
Purification	Purified IgG From culture supernant
Conjugation	Biotin
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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