

Fc epsilon R1 alpha antibody [CRA2]

Cat. No. GTX00712

| | |
|--------------|---|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | WB, ICC/IF, IHC-P, IHC-Fr, FCM, Activation, Neutralizing/Inhibition |
| Reactivity | Human |

Package

100 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 |
| Activation | Assay dependent |
| Neutralizing/Inhibition | Assay dependent |

Note : It shows the stimulation of serotonin release from human platelets.

It shows the inhibition of binding of IgE with Fc epsilonR1alpha and titration of IgE-bound fraction of the Fc epsilonR1alpha (using CRA1 and CRA2 antibodies).

Not tested in other applications.

Calculated MW 30 kDa. ([Note](#))

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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |

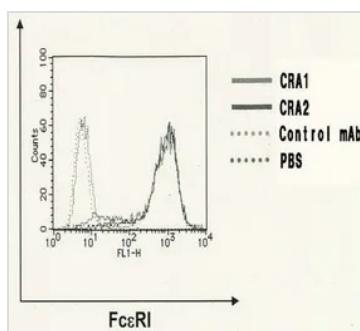


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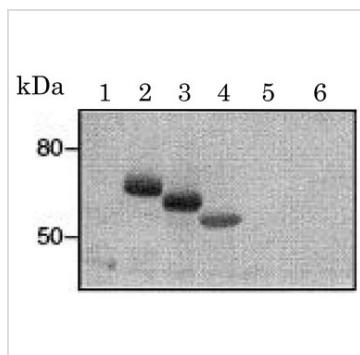
| | |
|---------------------|---|
| Immunogen | Recombinant extracellular protein of human Fc epsilonR1alpha; (corresponding to amino acids Met-26-197, where signal peptide is 1-25). Epitope: 110-197 amino acids |
| Purification | Purified IgG From tissue culture supernatant |
| Conjugation | Unconjugated |
| 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. |

DATA IMAGES



GTX00712 FCM Image

FACS analysis of CHO cells overexpressed human Fc epsilon R1 alpha protein using GTX00712 Fc epsilon R1 alpha antibody [CRA2].



GTX00712 WB Image

WB analysis of E. coli cells overexpressing truncated extracellular domains of Fc epsilon R1 alpha protein (maltose binding protein tagged) using GTX00712 Fc epsilon R1 alpha antibody [CRA2].

Lane 1 : MalE-LacZ (control)

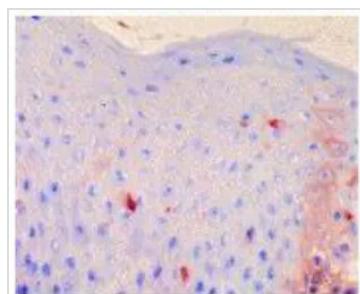
Lane 2 : 26-197

Lane 3 : 68-197

Lane 4 : 26-109

Lane 5 : 26-153

Lane 6 : 68-153



GTX00712 IHC-Fr Image

IHC-Fr analysis of human atopic dermatitis lesional skin tissue section using GTX00712 Fc epsilon R1 alpha antibody [CRA2].

Fixation : Aceton



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