

ARG58597 anti-FCER1G antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes FCER1G |
| Tested Reactivity | Hu |
| Predict Reactivity | Bov, Rat, Mk, Pig |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | FCER1G |
| Species | Human |
| Immunogen | KLH-conjugated synthetic peptide between aa. 60-86 of Human FCER1G. |
| Conjugation | Un-conjugated |
| Alternate Names | FCRG; High affinity immunoglobulin epsilon receptor subunit gamma; IgE Fc receptor subunit gamma; FcRgamma; Fc receptor gamma-chain; FcεRI gamma; Fc-epsilon RI-gamma |

Application Instructions

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| Application table | Application | Dilution |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Human spleen | |

Properties

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| Form | Liquid |
| Purification | Purification with Protein A and immunogen peptide. |
| Buffer | PBS and 0.09% (W/V) Sodium azide. |
| Preservative | 0.09% (W/V) Sodium azide |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | FCER1G |
| Gene Full Name | Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide |
| Background | The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors. [provided by RefSeq, Jul 2008] |
| Function | Associates with a variety of FcR alpha chains to form a functional signaling complex. Regulates several aspects of the immune response. The gamma subunit has a critical role in allowing the IgE Fc receptor to reach the cell surface. Also involved in collagen-mediated platelet activation and in neutrophil activation mediated by integrin. [UniProt] |
| Calculated Mw | 10 kDa |
| Cellular Localization | Cell membrane; Single-pass type I membrane protein. [UniProt] |

Images

