For Research Use Only

Fc epsilon RI alpha Recombinant antibody, PBS Only

Catalog Number:84662-3-PBS

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Basic Information

Catalog Number:
84662-3-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_001387280.1

GeneID (NCBI):
2205

UNIPROT ID:
P12319

Full Name:
Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide

Calculated MW:
30kDa

Observed MW:
55-65 kDa

Purification Method:
Protein A purfication

CloneNo.:
241848D1

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

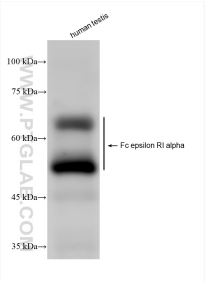
Fc fragment of IgE, high affinity I, receptor for, alpha polypeptide, also known as high affinity immunoglobulin epsilon receptor subunit alpha, FCER1A and FCE1A, is a single-pass type I membrane protein which contains 2 immunoglobulin-like domains. FCER1A is a subunit of the IgE receptor, which is composed of one glycosylated alpha (FCER1A), one beta (FCER1B), and two gamma (FCER1G) subunits. The high affinity IgE receptor plays a central role in allergic disease, coupling allergen and mast cells to initiate the inflammatory and immediate hypersensitivity responses that are characteristic of disorders such as hay fever and asthma. The calculated molecular weight of FCER1A is 30 kDa, the 55- to 70-kDa bands detected by this antibody are probably caused by heterogeneous glycosylation (PMID: 11344350; 12671054).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Human testis was subjected to SDS PAGE followed by western blot with 84662-3-RR (Fc epsilon RI alpha antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84662-3-PBS in a different storage buffer formulation.