For Research Use Only

FcRγ Polyclonal antibody

Catalog Number:13566-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
13566-1-AP

Size:
150ul , Concentration: 380 ug/ml by Nanodrop and 147 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4442

GenBank Accession Number:
BC033872

GeneID (NCBI):
2207

UNIPROT ID:
P30273

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

Calculated MW:
87 aa, 10 kDa

Observed MW:
10 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IF/ICC 1:50-1:500

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : RAW 264.7 cells, THP-1 cells

IF/ICC : THP-1 cells,

Background Information

FcRγ (Fc receptor gamma-chain, FcRgamma), also known as Fc-epsilon RI-gamma, or IgE Fc receptor subunit gamma (FceRI gamma), is a component of the high-affinity immunoglobulin E (IgE) receptor (Fc epsilon RI) which is a tetrameric complex of one alpha subunit, one beta subunit, and two disulfide-linked gamma subunits (PMID: 2146219; 2531187). Fc epsilon RI is present exclusively on mast cells and basophils, mediating allergic inflammatory signaling (PMID: 17438574). FcRγ is widely expressed and contains an immunoreceptor tyrosine-based activation motif (ITAM) that transduces activation signals from various immunoreceptors (PMID: 19098920).

Storage

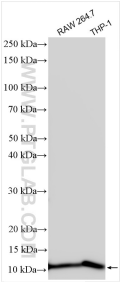
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

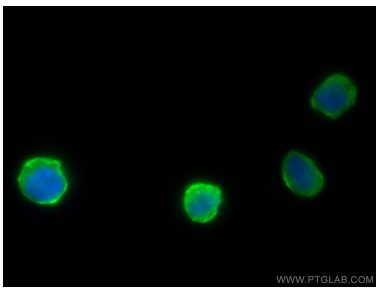
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13566-1-AP (FcRγ antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using FcRγ antibody (13566-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).