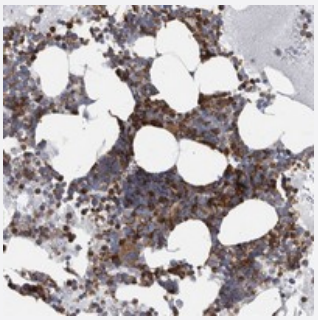
FCER1G polyclonal antibody

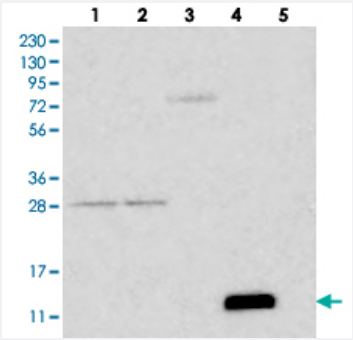
Catalog # PAB21846 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with FCER1G polyclonal antibody (Cat # PAB21846) shows strong cytoplasmic positivity in bone marrow poietic cells.



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with FCER1G polyclonal antibody (Cat # PAB21846).

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant FCER1G.
Immunogen	Recombinant protein corresponding to amino acids of human FCER1G.
Sequence	KIQVRKAAITSYEKSDGVYTGLSTRNQETYETLKHEKPPQ
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification

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Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human bone marrow with FCER1G polyclonal antibody (Cat # PAB21846) shows strong cytoplasmic positivity in bone marrow poietic cells.

- Western Blot

  Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with FCER1G polyclonal antibody (Cat # PAB21846).

Gene Info — FCER1G

Entrez GeneID	2207
Protein Accession#	P30273
Gene Name	FCER1G
Gene Alias	FCRG
Gene Description	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
Omim ID	147139
Gene Ontology	Hyperlink
Gene Summary	The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer comp osed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc re ceptors. [provided by RefSeq
Other Designations	Fc fragment of IgE, high affinity I, receptor for, gamma polypeptide|OTTHUMP00000032239|OTT HUMP00000063478|immunoglobulin E receptor, high affinity, gamma chain

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Pathway

- Asthma
- Fc epsilon RI signaling pathway
- Natural killer cell mediated cytotoxicity

Disease

- Asthma
- Birth Weight
- Cardiovascular Diseases
- Chronic Disease
- Diabetes Mellitus
- Drug Hypersensitivity
- Eczema
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Hypersensitivity
- Kidney Failure
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Nephrotic Syndrome
- Urticaria

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