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Datasheet for ABIN1713699

anti-Allergin-1 antibody (AA 61-160)

Overview

Quantity:	100 µL
Target:	Allergin-1 (MILR1)
Binding Specificity:	AA 61-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Allergin-1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Allergin-1
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Allergin-1 (MILR1)
Alternative Name:	Allergin-1 (MILR1 Products)

Target Details

Background:	Synonyms: C17orf60,Chromosome 17 open reading frame 60. Background: As a major event in type allergic reaction,degranulation of mast cells is triggered by the interaction between specific IgEs and high affinity IgE receptors (FcRIs) on mast cell membrane,and is followed by the release of a battery of inflammatory mediators,such as histamine,leukotrienes and arachidonic acid,and these inflammatory mediators in turn induce a series of allergic symptoms.Recently,Allergin-1 has been found to be an immunoglobulin-like receptor preferentially expressed on mast cells.The crosslinking of Allergin-1 to FcRIs on mast cells may inhibit the signal transduction from FcRIs to intracellular immunoreceptor tyrosine-based inhibitory motif (ITIM),generate ITIM inhibitory signals,which then participate in the regulation of mast cell degranulation,and finally block the initiation of allergic inflammation.
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months