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Datasheet for ABIN4996326

anti-Allergin-1 antibody (AA 61-160) (Alexa Fluor 680)

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 conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)
Background:	Synonyms: C17orf60,Chromosome 17 open reading frame 60.

Target Details

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.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months