SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-FCAMR antibody

SL16056R

Product Name:	FCAMR
Chinese Name:	CD351抗体
Alias:	CD351; Fc alpha/mu receptor; Fc receptor, IgA, IgM, high affinity; Fcamr; FCAMR_HUMAN; FKSG87; High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor; Immunity related factor; Receptor for Fc fragment of IgA and IgM.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FCAMR:1-100/532<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Fc (Ig constant fragment) receptors ensure protection of the host against foreign antigens, such as microorganisms and pathogens, by removing Ig-coated antigen complexes from circulation. Fc receptors are present on lymphoid and myeloid

	derivatives, where they mediate endocytosis of Ig-antigen complexes, antibody production in B cells through T cell antigen presentation, cytotoxicity and the release of cytokines and reactive oxygen species. The Fc α/μ receptor (FCAMR) functions as a receptor for the Fc fragment of IgA and IgM and mediates their endocytosis. FCAMR is a 532 amino acid protein that is expressed in mesangial cells and is upregulated by IFNG/IFN-γ. It is also expressed in secondary lymphoid organs, such as lymph node and appendix, kidney and intestine, suggesting an important role of the receptor for immunity in these organs. **Function:** Functions as a receptor for the Fc fragment of IgA and IgM. Binds IgA and IgM with high affinity and mediates their endocytosis. May function in the immune response to microbes mediated by IgA and IgM. **Subcellular Location:** Cell membrane. **Tissue Specificity:** Expressed by mesangial cells. **Post-translational modifications:** N-glycosylated. **Similarity:** Contains 1 Ig-like V-type (immunoglobulin-like) domain. **SWISS:** Q8WWV6 **Gene ID:** 83953 **Database links:** Entrez Gene: 83953 Human Omim: 605484 Human SwissProt: Q8WWV6 Human Unigene: 145519 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
