SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-ICAM5/AF647 Conjugated antibody

Catalog Number: SL6686R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ICAM5/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human ICAM5
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	Flow-Cyt=0.2ug/test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Pig,Cow)
Background:	background: ICAM5 is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is expressed on the surface of telencephalic neurons and displays two types of adhesion activity, homophilic binding between neurons and heterophilic binding between neurons and leukocytes. It may be a critical component in neuron-microglial cell interactions in the course of normal development or as part of neurodegenerative diseases. **Function:** ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Tissue Specificity:** Expressed on neurons in the most rostral segment of the mammalian brain, the telencephalon. **Similarity:** Belongs to the immunoglobulin superfamily. ICAM family.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Contains 9 Ig-like C2-type (immunoglobulin-like) domains. **Database links:** UniProtKB/Swiss-Prot: Q9UMF0.3 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.