

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat LMAN1L/SLAMP in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat LMAN1L/SLAMP Arg33-Thr436 Accession # Q5FB95
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

SLAMP (Sublingual acinar membrane protein; also LMAN1L) is a 50-60 kDa protein that likely is a member of the animal L-type lectin family of proteins. It is expressed exclusively by mucous secreting cells in the ER-Golgi compartment. SLAMP likely plays a role in the intracellular trafficking of glycoproteins, possibly by binding mannose residues. Mature rat SLAMP is a 475 amino acid (aa) type I transmembrane protein that contains a 409 aa extracellular region (aa 29-437) and a 43 aa cytoplasmic domain (aa 461-503). Over aa 33-436, rat SLAMP shares 89% aa identity with mouse SLAMP.

PRODUCT SPECIFIC NOTICES

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