

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse BLAME/SLAMF8 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 40% cross-reactivity with recombinant human BLAME is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse BLAME/SLAMF8 Val21-Asp231 Accession # Q9D3G2
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 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

BLAME (B-lymphocyte activator macrophage expressed), also known as SLAM family member 8, is a type I transmembrane protein that belongs to the CD2 subset of the Ig superfamily cell receptors. The 258 amino acid (aa) mature mouse BLAME contains a 211 aa extracellular domain (ECD) with an Ig V- and a C2-like domain, and a 26 aa cytoplasmic tail that lacks signaling motifs. BLAME is expressed by activated monocytes and dendritic cells. Although the function of BLAME is not known, it is likely involved in homotypic binding or heterotypic interactions with other CD2 subset members. Over the ECD region used as immunogen, mouse BLAME shares 95% and 78% aa identity with rat and human BLAME, respectively.

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