

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human Aminopeptidase PILS/ARTS1 in direct ELISAs and Western blots. In direct ELISAs, 100% cross-reactivity with recombinant mouse Aminopeptidase PILS/ARTS1 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 6H9
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 9-derived recombinant human ARTS1 Accession # Q9NZ08
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

Aminopeptidase PILS/ARTS1 is also known as adipocyte-derived leucine aminopeptidase, type 1 tumor necrosis factor receptor shedding aminopeptidase regulator and ERAAP (the aminopeptidase associated with antigen processing in the endoplasmic reticulum). ARTS1 is widely expressed and releases an N-terminal amino acid (Leu). The amino acid sequence of mouse ARTS1 is 94%, 84%, 80 and 70% identical to that of rat, human, canine, and chicken.

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