

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Aminopeptidase PILS/ARTS1 in direct ELISAs.
Source	Monoclonal Rat IgG _{2A} Clone # 325813
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Aminopeptidase PILS/ARTS1 Thr25-Ile929 Accession # Q9NZ08
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.

Immunocytochemistry 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

Amino peptidase PILS/ARTS1 is also known as adipocyte-derived leucine amino peptidase, type 1 tumor necrosis factor receptor shedding amino peptidase regulator and ERAAP (the amino peptidase 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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