

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Aminopeptidase PILS/ARTS1 in direct ELISAs.
<b>Source</b>	Monoclonal Rat IgG <sub>2A</sub> Clone # 325813
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Aminopeptidase PILS/ARTS1 Thr25-Ile929 Accession # Q9NZ08
<b>Conjugate</b>	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
<b>Formulation</b>	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

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	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 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.

#### PRODUCT SPECIFIC NOTICES

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