

Anti-ERAP1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

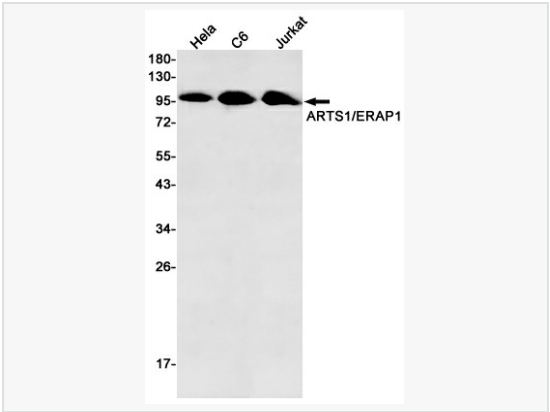
Catalog # R013412

Product Information

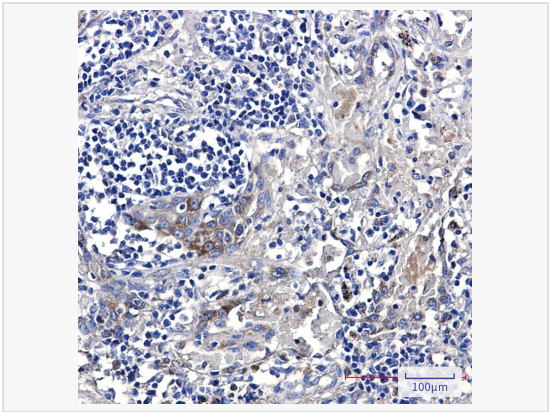
Application	ELISA, WB, IHC-P/IF (Tissue-P)
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	28L04L76
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human ARTS1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ERAP1 antibody [28L04L76] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ERAP1, APPILS, ARTS1, KIAA0525, Endoplasmic reticulum aminopeptidase 1, ARTS-1, Adipocyte-derived leucine aminopeptidase, A-LAP, Aminopeptidase PILS, Puromycin-insensitive leucyl-specific aminopeptidase, PILS-AP, Type 1 tumor necrosis facto.
Calculated MW	Calculated MW: 107 kDa; Observed MW: 107 kDa
Uniprot ID	Q9NZ08
Gene ID	51752
Background	Aminopeptidase that plays a central role in peptide trimming, a step required for the generation of most HLA class I-binding peptides. Peptide trimming is essential to customize longer precursor peptides to fit them to the correct length required for presentation on MHC class I molecules. Strongly prefers substrates 9-16 residues long.



Western blot analysis of ARTS1/ERAP1 in HeLa, C6, Jurkat lysates using ERAP1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using ARTS1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.