

ERAP2 rabbit monoclonal antibody

Catalog # H00064167-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ERAP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ERAP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ERAP2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ERAP2

Entrez GeneID [64167](#)

GeneBank Accession# [ERAP2](#)

Gene Name ERAP2

Gene Alias FLJ23633, FLJ23701, FLJ23807, L-RAP, LRAP

Gene Description endoplasmic reticulum aminopeptidase 2

Omim ID [609497](#)

Gene Ontology [Hyperlink](#)

Gene Summary Aminopeptidases hydrolyze N-terminal amino acids of proteins or peptide substrates. Major histocompatibility complex (MHC) class I molecules rely on aminopeptidases such as ERAP1 (MIM 606832) and LRAP to trim precursors to antigenic peptides in the endoplasmic reticulum (ER) following cleavage in the cytoplasm by tripeptidyl peptidase II (TPP2; MIM 190470) (Tanioka et al., 2003 [PubMed 12799365]).[supplied by OMIM]

Other Designations leukocyte-derived arginine aminopeptidase

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Spondylitis](#)