

A5978

Leader in Biomolecular Solutions for Life Science



## ERAP1 Rabbit mAb

Catalog No.: A5978 **Recombinant**

### Basic Information

**Observed MW**

108kDa

**Calculated MW**

107kDa

**Category**

SMab Recombinant Monoclonal Antibody

**Applications**

WB, IHC-P, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC2120

### Background

The protein encoded by this gene is an aminopeptidase involved in trimming HLA class I-binding precursors so that they can be presented on MHC class I molecules. The encoded protein acts as a monomer or as a heterodimer with ERAP2. This protein may also be involved in blood pressure regulation by inactivation of angiotensin II. Three transcript variants encoding two different isoforms have been found for this gene.

### Recommended Dilutions

|              |                |
|--------------|----------------|
| <b>WB</b>    | 1:500 - 1:1000 |
| <b>IHC-P</b> | 1:50 - 1:200   |

### Immunogen Information

**Gene ID**

51752

**Swiss Prot**

Q9NZ08

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 842-941 of human ERAP1 (Q9NZ08).

**Synonyms**

ALAP; A-LAP; ARTS1; ERAAP; APPILS; ARTS-1; ERAAP1; PILSAP; PILS-AP; ERAP1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

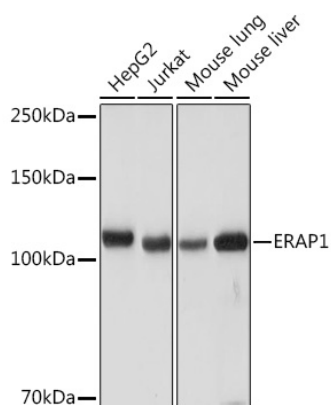
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of Rat liver, using ERAP1 Rabbit mAb (A5978) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

