

Goat anti-ERAP2 Antibody

Item Number	dAP-1489
Target Molecule	Principle Name: ERAP2; Official Symbol: ERAP2; All Names and Symbols: ERAP2; endoplasmic reticulum aminopeptidase 2; FLJ23633; FLJ23701; FLJ23807; L-RAP; LRAP; leukocyte-derived arginine aminopeptidase; Accession Number (s): NP_071745.1; Human Gene ID(s): 64167; Non-Human GeneID(s):
Immunogen	QYLKKFSYRNAKND, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx. 110kDa band observed in Human Spleen lysates (calculated MW of 110kDa according to NP_071745.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of unknown identity was also consistently observed at 50kDa. This band was
IHC	
Reference	Reference(s): Saveanu L, Carroll O, Lindo V, Del Val M, Lopez D, Lepelletier Y, Greer F, Schomburg L, Fruci D, Niedermann G, van Endert PM. Concerted peptide trimming by human ERAP1 and ERAP2 aminopeptidase complexes in the endoplasmic reticulum. Nat Immunol. 2005 Jul;6(7):689-97.PMID: 15908954

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**