

Goat anti-TEM8 / Anthrax Toxin Receptor 1 Antibody

Item Number	dAP-0401
Target Molecule	Principle Name: TEM8 / Anthrax Toxin Receptor 1; Official Symbol: ANTXR1; All Names and Symbols: ANTXR1; TEM8; anthrax toxin receptor; ATR; FLJ10601; FLJ21776; tumor endothelial marker 8; tumor endothelial marker 8, isoform 3 precursor; anthrax toxin receptor 1; FLJ11298; 2310008J16Rik; 2810405N18Rik; Accession Number (s): NP_115584.1; Human Gene ID(s): 84168; Non-Human GeneID (s):
Immunogen	RAPPPSRPPRPSV, is from C Terminus This antibody is expected to recognise variant 1 (NP_115584) only.
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 64000.
Western Blot	Western Blot: Approx 65-70kDa band observed in Human PBMC lysates (predicted MW of 65kDa according to NP_115584). Recommended for use at 0.2-1µg/ml.
IHC	
Reference	Reference(s): Carson-Walter EB, Watkins DN, Nanda A, Vogelstein B, Kinzler KW, St Croix B. Cell surface tumor endothelial markers are conserved in mice and humans. Cancer Res. 2001 Sep 15;61(18):6649-55..PMID: 11559528 ->

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**