

## 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**