

## Goat anti-Trem2 (mouse) Antibody

<b>Item Number</b>	dAP-1819
<b>Target Molecule</b>	Principle Name: Trem2 (mouse); Official Symbol: Trem2; All Names and Symbols: Trem2; triggering receptor expressed on myeloid cells 2 ; Trem2a; Trem2b; Trem2c ; triggering receptor expressed on myeloid cells 2a; triggering receptor expressed on myeloid cells 2b; triggering receptor expressed on myeloid cells 2c; Accession Number (s): NP_112544.1; Human Gene ID(s): ; Non-Human GeneID(s): 83433 (mouse) 301227 (rat)
<b>Immunogen</b>	QVEHSTSRNQET, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 28kDa band observed in Mouse Spinal Cord lysates (calculated MW of 24.5kDa according to NP_112544.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat for this particular
<b>IHC</b>	
<b>Reference</b>	Reference(s): Takahashi K, Prinz M, Stagi M, Chechneva O, Neumann H. TREM2-transduced myeloid precursors mediate nervous tissue debris clearance and facilitate recovery in an animal model of multiple sclerosis. PLoS Med. 2007 Apr;4(4):e124. .PMID: 17425404 ->

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**