

Goat anti-CD34-T Antibody

Item Number dAP-2693

Target Molecule Principle Name: CD34-T; Official Symbol: CD34; All Names and Symbols: CD34; CD34 molecule; CD34 antigen; OTTHUMP00000034733; OTTHUMP00000034734; hematopoietic progenitor cell antigen CD34; CD34-T; Accession Number (s): NP_001764.1; Human Gene ID(s): 947; Non-Human GeneID(s): 12490 (mouse)

Immunogen SPTGERLELEP, is from C-Terminus
This antibody is expected to recognize reported isoform CD34-T (NP_001020280.1) only.

Applications Pep ELISA, WB, FC

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 128000.

Western Blot Western Blot: Approx 85+95kDa bands observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 35.0kDa according to NP_001764.1). The observed MW correspond to glycosylated forms. Recommended concentration: 1-3µg/ml.

IHC

Reference Reference(s): Saure C, Warnke C, Zohren F, Schroeder T, Bruns I, Cadeddu RP, Weigelt C, Fischer U, Koblbe G, Hartung HP, Adams O, Kieseier BC, Haas R. Natalizumab and impedance of the homing of CD34+ hematopoietic progenitors. *Arch Neurol.* 2011 Nov;68(11):1428-31..PMID: 22084125->

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**