

Goat anti-MCAM / CD146/ MUC18 Antibody

Item Number	dAP-3480
Target Molecule	Principle Name: MCAM / CD146/ MUC18; Official Symbol: MCAM; All Names and Symbols: MCAM; melanoma cell adhesion molecule; CD146; MUC18; Gicerin; S-endo 1 endothelial-associated antigen; cell surface glycoprotein MUC18; cell surface glycoprotein P1H12; melanoma adhesion molecule; melanoma-associated antigen A32; melanoma-associated antigen; Accession Number (s): NP_006491.2; Human Gene ID(s): 4162; Non-Human GeneID(s):
Immunogen	EPARKEHSGR, 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 8000.
Western Blot	Western Blot: Approx 70-75kDa band observed in Human Heart, Placenta and Umbilical Cord lysates (calculated MWt of 71.5kDa according to NP_006491.2) Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Wang Z, Yan X. CD146, a multi-functional molecule beyond adhesion. Cancer letters 2013 Apr 330 (2): 150-62..PMID: 23266426->

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**