

Goat anti-MYH9 Antibody

Item Number	dAP-3124
Target Molecule	Principle Name: MYH9 ; Official Symbol: MYH9; All Names and Symbols: myosin, heavy chain 9, non-muscle; RP1-68O2.1; DFNA17; EPSTS; FTNS; MGC104539; MHA; NMHC-II-A; NMMHCA; MYH9 variant protein; OTTHUMP00000028706; cellular myosin heavy chain, type A; myosin, heavy polypeptide 9, non-muscle; non-muscle myosin heavy chain; n; Accession Number (s): NP_002464.1; Human Gene ID(s): 4627; Non-Human GeneID(s):
Immunogen	DQINTDLNLSH, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 32000.
Western Blot	Western Blot: Approx 250kDa band observed in lysates of Human Peripheral Blood Mononucleocytes and of NIH3T3 (calculated MW of 227kDa according to Human NP_002464.1 and to Mouse NP_071855.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Morin NA, Oakes PW, Hyun YM, Lee D, Chin YE, King MR, Springer TA, Shimaoka M, Tang JX, Reichner JS, Kim M Nonmuscle myosin heavy chain IIA mediates integrin LFA-1 de-adhesion during T lymphocyte migration J Exp Med. 2008 Jan 21;205(1):195-205. Epub 2008 Jan 14..PMID: 18195072->

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**