

Goat anti-Lactadherin Antibody

Item Number	dAP-3428
Target Molecule	Principle Name: Lactadherin; Official Symbol: MFGE8; All Names and Symbols: MFGE8; milk fat globule-EGF factor 8 protein; BA46; EDIL1; HMFG; HsT19888; MFG-E8; MFGM; OAcGD3S; SED1; SPAG10; hP47; O-acetyl disialoganglioside synthase; breast epithelial antigen BA46; lactadherin; medin; sperm associated antigen 10; sperm surface prot; Accession Number (s): NP_005919.2; NP_001108086.1; Human Gene ID(s): 4240; Non-Human GenelD(s):
Immunogen	KNNSIPDKQITAS, is from internal region This antibody is expected to recognize both reported isoforms (NP_005919.2; NP_001108086.1).
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 16000.
Western Blot	Western Blot: Approx 40kDa band observed in lysates of cell line MCF7 (calculated MW of 43.1kDa according to NP_005919.2, and 37.5 according to NP_001108086.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Ye H, Li B, Subramanian V, Choi BH, Liang Y, Harikishore A, Chakraborty G, Baek K, Yoon HS. NMR solution structure of C2 domain of MFG-E8 and insights into its molecular recognition with phosphatidylserine. <i>Biochimica et biophysica acta</i> 2013 Mar 1828 (3): 1083-93..PMID: 23262193->

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 end users! This product is sold for **Research Use Only**