

Goat anti-CD74 Antibody

Item Number	dAP-3186
Target Molecule	Principle Name: CD74; Official Symbol: CD74; All Names and Symbols: CD74; DHLAG; HLADG; Ia-GAMMA; CD74 molecule, major histocompatibility complex, class II invariant chain; CD74 antigen; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated); HLA-DR-gamma; Ia-associated invar; Accession Number (s): NP_001020330.1; NP_004346.1; Human Gene ID(s): 972; Non-Human GeneID(s):
Immunogen	HSLEQKPTDAPPK, is from internal region This antibody is expected to recognize isoform a (NP_001020330.1) and isoform b (NP_004346.1).
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 128000.
Western Blot	Western Blot: Approx 33kDa band observed in Human Tonsil lysates (calculated MW of 33.5kDa according to NP_001020330.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Tian B, Zhang Y, Li N, Liu X, Dong J. CD74: a potential novel target for triple-negative breast cancer. Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine 2012 Dec 33 (6): 2273-7..PMID: 22935920->

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**