



Goat anti-Mammaglobin A / SCGB2A2 Antibody

Item Number	dAP-1222
Target Molecule	Principle Name: Mammaglobin A / SCGB2A2; Official Symbol: SCGB2A2; All Names and Symbols: SCGB2A2; secretoglobin, family 2A, member 2 ; HGNC:7050; MGB1; UGB2; MGC71974; mammaglobin 1; mammaglobin A; Accession Number (s): NP_002402.1; Human Gene ID(s): 4250; Non-Human GeneID (s):
Immunogen	NPQVSKTEYKEL, is from internal region
Applications	Pep ELISA, IHC 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 32000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of 10.5kDa according to NP_002402.1. Therefore we cannot recommend an optimal concentration and the product i
IHC	Immunohistochemistry: In paraffin embedded Human Breast shows staining of cytoplasm in some acinar cells.. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Ouellette RJ, Richard D, Maicas E. RT-PCR for mammaglobin genes, MGB1 and MGB2, identifies breast cancer micrometastases in sentinel lymph nodes. Am J Clin Pathol. 2004 May;121(5):637-43. Erratum in: Am J Clin Pathol. 2004 Nov;122(5):813..PMID: 15151203->

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**