

Goat anti-LAG3 / CD223 Antibody

Item Number	dAP-3467
Target Molecule	Principle Name: LAG3 / CD223; Official Symbol: LAG3; All Names and Symbols: LAG3; lymphocyte activating 3; CD223; lymphocyte-activation gene 3; Accession Number (s): NP_002277.4; Human Gene ID(s): 3902; Non-Human GeneID(s):
Immunogen	EDVSQAQAGTYTCH, is from internal region This antibody is expected to recognize the extra-cellular domain.
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 2000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Lymph Node and Tonsil lysates (calculated MW of 57.4kDa according to NP_002277.4). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Tian X, Zhang A, Qiu C, Wang W, Yang Y, Qiu C, Liu A, Zhu L, Yuan S, Hu H, Wang W, Wei Q, Zhang X, Xu J. The upregulation of LAG-3 on T cells defines a subpopulation with functional exhaustion and correlates with disease progression in HIV-infected subjects. Journal of immunology (Baltimore, Md. :

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**