

## Goat anti-CD11A / integrin alpha L Antibody

<b>Item Number</b>	dAP-1838
<b>Target Molecule</b>	Principle Name: CD11A / integrin alpha L; Official Symbol: ITGAL; All Names and Symbols: ITGAL; integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide); CD11A; LFA-1; LFA1A; LFA-1 alpha; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide; integrin alpha L; integrin g; Accession Number (s): NP_002200.2; NP_001107852.1; Human Gene ID(s): 3683; Non-Human GeneID(s):
<b>Immunogen</b>	YQVRIQPSIHDHN, is from internal region This antibody is expected to recognize both reported isoforms (NP_002200.2; NP_001107852.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 200kDa band observed in Human Spleen and Tonsil lysates (calculated MW of 129kDa according to NP_002200.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recomm
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Lymph Node shows membrane staining in the para-cortex. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Stanley P, Smith A, McDowall A, Nicol A, Zicha D, Hogg N, Intermediate-affinity LFA-1 binds alpha-actinin-1 to control migration at the leading edge of the T cell. The EMBO journal 2008 Jan 27 (1): 62-75..PMID: 18079697->

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**