

Goat anti-Integrin beta 5 Antibody

Item Number	dAP-0626
Target Molecule	Principle Name: Integrin beta 5; Official Symbol: ITGB5; All Names and Symbols: ITGB5; integrin, beta 5; FLJ26658; Accession Number (s): NP_002204.2; Human Gene ID(s): 3693; Non-Human GeneID(s): 16419 (mouse)
Immunogen	TFNKFNKSNGTVD, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 110kDa band observed in Human Ovary and Mouse Eye lysates (calculated MW of 88.1kDa according to NP_002204.2). Recommended concentration: 0.1-0.3µg/ml. Customer feedback: observed 110kDa in Mouse Eye was confirmed and not present in
IHC	

Reference	Reference(s): Finnemann SC, Bonilha VL, Marmorstein AD, Rodriguez-Boulan E. Phagocytosis of rod outer segments by retinal pigment epithelial cells requires alpha(v)beta5 integrin for binding but not for internalization. Proc Natl Acad Sci U S A. 1997 Nov 25;94(24):12932-7. .PMID: 9371778 ->
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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**