



Integrin beta 5 Antibody

CATALOG NUMBER: 45-777



Western Blot (0.1ug/ml) staining of Human Ovary lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. 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: 0.1-0.3ug/ml. Customer feedback: observed 110kDa in Mouse Eye was confirmed and not present in
POSITIVE CONTROL:	1) Cat. No. 1316 - Human Ovary Tissue Lysate
IMMUNOGEN:	Integrin beta 5 antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of Integrin beta 5.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Integrin beta 5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Integrin beta 5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ITGB5, integrin, beta 5,
ACCESSION NO.:	NP_002204
PROTEIN GI NO.:	20127446
OFFICIAL SYMBOL:	ITGB5

GENE ID: 3693

Background

REFERENCES: 1) 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 USA. 1997 Nov 25;94(24):12932-7.

FOR RESEARCH USE ONLY

December 13, 2016