



Integrin Beta 1 Antibody, Monoclonal

CATALOG NUMBER: 48-023



Human prostate tissue stained with ITGB1
Antibody at 10 ug/mL followed by
biotinylated anti-mouse IgG secondary
antibody, alkaline phosphatase-streptavidin
and chromogen.

Specifications

SPECIES REACTIVITY:	Human, Monkey
TESTED APPLICATIONS:	ELISA, FACS, IHC, IP, WB
APPLICATIONS:	Integrin Beta 1 antibody can be used in Western Blot starting at 1:500 - 1:1000, immunohistochemistry starting at 10 ug/mL, immunocytochemistry, and flow cytometry.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	Recognizes Human Integrin beta1 as confirmed with beta1 transfectants and by reciprocal preclearing of beta1 reactivity with anti-beta1
IMMUNOGEN:	Purified Human beta1 integrin.
HOST SPECIES:	Mouse

Properties

PURIFICATION:	Ammonium Sulfate Precipitation
PHYSICAL STATE:	Liquid
BUFFER:	PBS, pH 7.4, 0.09% sodium azide
STORAGE CONDITIONS:	Integrin Beta 1 antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Monoclonal
ISOTYPE:	IgG2a
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ITGB1, CD29, CD29 antigen, Integrin beta-1, MDF2, MSK12, Integrin VLA-4 beta subunit, VLA-BETA, VLAB, Beta 1 integrin, FNRB, GPIIA, Integrin Beta 1, VLA-4 subunit beta
ACCESSION NO.:	P05556
PROTEIN GI NO.:	218563324

OFFICIAL SYMBOL:	ITGB1
GENE ID:	3688

Background

FOR RESEARCH USE ONLY

December 13, 2016