

Rabbit anti-Human ITGB3 Polyclonal Antibody | anti-ITGB3 antibody

ITGB3 Rabbit pAb

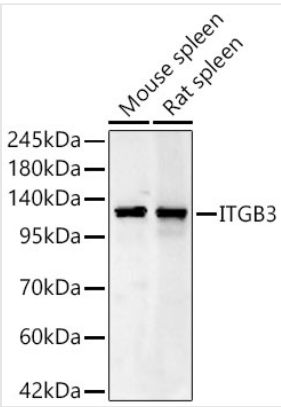
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283242	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

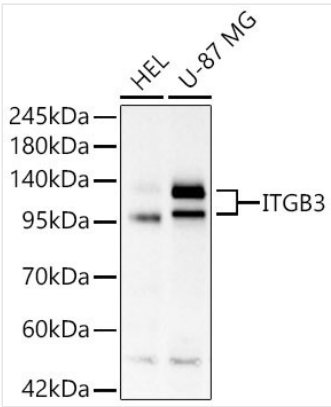
ITGB3; Polyclonal Antibody; ITGB3 Rabbit pAb; BDPLT16; BDPLT2; CD61; GP3A; GPIIIa; GT; integrin beta-3; anti-ITGB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	AGVGVGGPNI CTTRGVSSCQ QCLAVSPMCA WCSDEALPLG SPRCDLKENL LKDNCAPESI EFPVSEARVL EDRPLSDKGS GDSSQVTQVS PQRIALRLRP DDSKNFSIQV RQVEDYPVDI YYLMDLSYSM KDDLWSIQNL GTKLATQMRK LTSNLRIGFG AFVDKPVSPY MYISPPEALE NPCYDMKTTT LPMFGYKHVL TLTDQVTRFN EEVKKQSVSR NRDAPEGGFD AIMQATVCDE KIGWRNDASH LLVFTTDAKT HIALDGRLAG IVQPNDBGQCH VGSDNHYSAS TTMDYPSLGL MTEKLSQKNI NLIFAVTENV VNLYQNYSEL IPGTTVGVL MDSSNVLQLI VDAYGKIRSK VELEVRDLPE ELSLSFNATC LNNEVIPGLK SCMGLKIGDT VSFSIEAKVR GCPQEKEKSF TIKPVGFKDS LIVQVTFDCD CACQAQAEPN SHRCNNGNGT FECGVCRGCP GWLGSQCECS EEDYRPSQQD ECSPREGQPV CSQRGECLCG QCVCHSSDFG KITGKYCEDD DFSCVRYKGE MCSGHGQCSC GDCLCSDSWT GYCNCCTTRT DTCMSSNGLL CSGRGKCECG SCVCIQPGSY GDTCEKCPTC PDACTFKKEC VECKKFDRGA LHDENTCNRY CRDEIESVKE LKDTGKDAVN CTYKNEDDCV VRFQYYEDSS GKSILYVVEE PECPKGPD
Applicable Applications for anti-ITGB3 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 21-718 of human ITGB3(NP_000203.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of various lysates using ITGB3 Rabbit pAb (AAA283242) at 1:900 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates / proteins: 25 ug per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.



WB (Western Blot)
Western blot analysis of various lysates using ITGB3 Rabbit pAb (AAA283242) at 1:900 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates / proteins: 25 ug per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB3 antibody	The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.
Product Categories/Family for anti-ITGB3 antibody	Cancer; Invasion and Metastasis; Signal Transduction; G protein signaling; G2/M DNA Damage Checkpoint; PI3K-Akt Signaling Pathway; MAPK-Erk Signaling Pathway; Cell Biology & Developmental Biology; Cell Adhesion; Cytoskeleton; Immunology & Inflammation; CD

NCBI AND UNIPROT INFORMATION

NCBI GI #	47078292
NCBI GeneID	3690
NCBI Accession #	NP_000203.2
NCBI GenBank Nucleotide #	NM_000212.2
UniProt Accession #	P05106; O15495; Q12806; Q13413; Q14648; Q16499; A0PJW2; D3DXJ8
Molecular Weight	Calculated MW: 86kDa/87kDa Observed MW: 97kDa/130kDa
UniProt Protein Name	Integrin beta-3
UniProt Gene Name	ITGB3
UniProt Synonym Gene Names	GP3A; GPIIIa
UniProt Entry Name	ITB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.