

Product datasheet for **TA308579**

CD41 (ITGA2B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Dog, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 210 and 532 of Integrin alpha 2b (Uniprot ID#P08514)
Formulation:	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	113 kDa
Gene Name:	integrin subunit alpha 2b
Database Link:	NP_000410 Entrez Gene 403789 Dog Entrez Gene 3674 Human P08514
Background:	ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling. [provided by RefSeq]
Synonyms:	BDPLT2; BDPLT16; CD41; CD41B; GP2B; GPIIb; GT; GTA; HPA3; PPP1R93



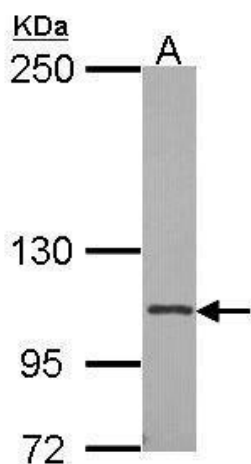
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Note: Seq homology of immunogen across species: Dog (88%), Bovine (86%)

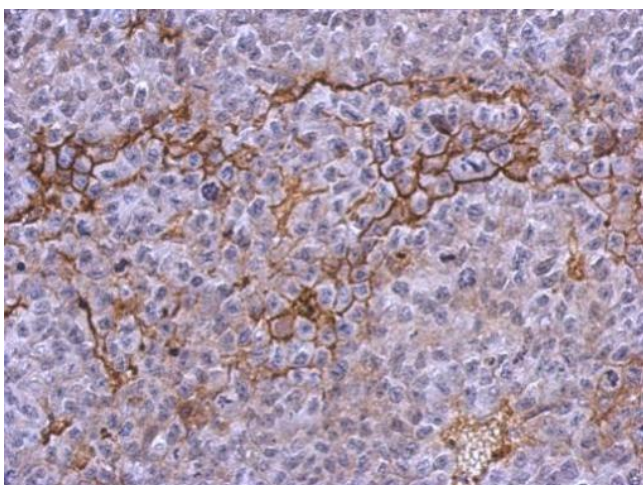
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hematopoietic cell lineage, Hypertrophic cardiomyopathy (HCM), Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer

Product images:



Sample (30 ug of whole cell lysate). A: A549. 7.5% SDS PAGE. TA308579 diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded PC13 xenograft, using Integrin alpha 2b (TA308579) antibody at 1:500 dilution.