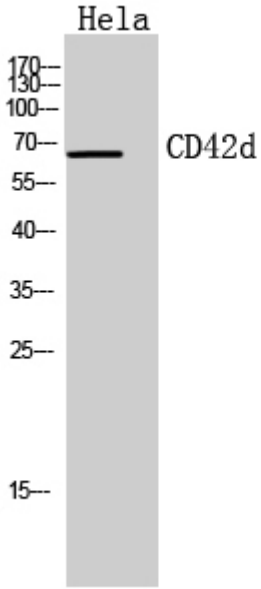
CD42d/GPV Polyclonal Antibody

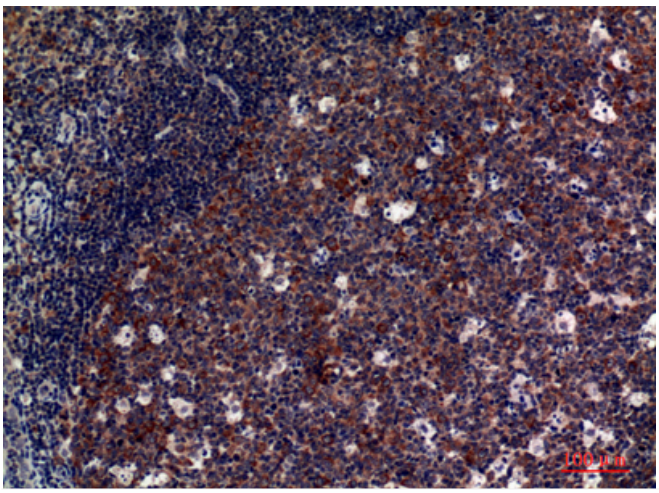
Catalog No	BYab-14055
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;FC,ELISA
Gene Name	GP5
Protein Name	Platelet glycoprotein V
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human GP5. AA range:331-380
Specificity	CD42d Polyclonal Antibody detects endogenous levels of CD42d protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GP5; Platelet glycoprotein V; GPV; Glycoprotein 5; CD42d
Observed Band	62kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Platelets and megakaryocytes.
Function	function:The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. The adhesion of platelets to injured vascular surfaces in the arterial circulation is a critical initiating event in hemostasis.,PTM:The N-terminus is blocked.,similarity:Contains 14 LRR (leucine-rich) repeats.,tissue specificity:Platelets and megakaryocytes.,
Background	Human platelet glycoprotein V (GP5) is a part of the Ib-V-IX system of surface glycoproteins that constitute the receptor for von Willebrand factor (VWF; MIM 613160) and mediate the adhesion of platelets to injured vascular surfaces in the arterial circulation, a critical initiating event in hemostasis. The main portion of the receptor is a heterodimer composed of 2 polypeptide chains, an alpha chain

	(GP1BA; MIM 606672) and a beta chain (GP1BB; MIM 138720), that are linked by disulfide bonds. The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX (GP9; MIM 173515) and GP5. Mutations in GP1BA, GP1BB, and GP9 have been shown to cause Bernard-Soulier syndrome (MIM 231200), a bleeding disorder (review by Lopez et al., 1998 [PubMed 9616133]).[supplied by OMIM, Nov 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of Hela cells using CD42d Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100