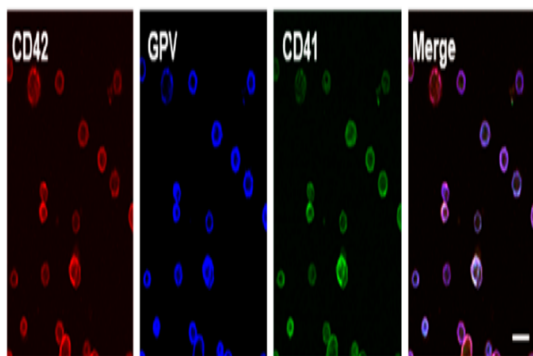


## CD42d/GPV Polyclonal Antibody

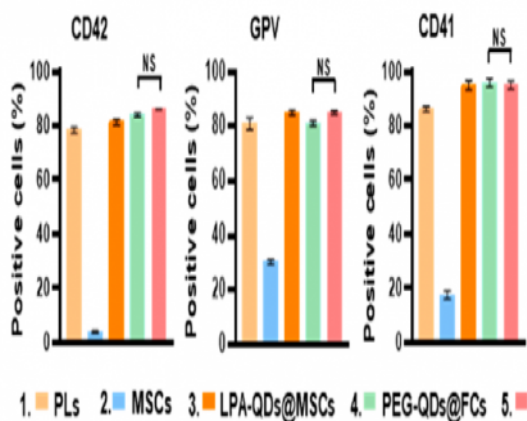
<b>Catalog No :</b>	YT5587
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;FC;ELISA
<b>Target :</b>	CD42d
<b>Fields :</b>	>>ECM-receptor interaction;>>Platelet activation;>>Hematopoietic cell lineage
<b>Gene Name :</b>	GP5
<b>Protein Name :</b>	Platelet glycoprotein V
<b>Human Gene Id :</b>	2814
<b>Human Swiss Prot No :</b>	P40197
<b>Mouse Swiss Prot No :</b>	O08742
<b>Rat Gene Id :</b>	25259
<b>Rat Swiss Prot No :</b>	O08770
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human GP5. AA range:331-380
<b>Specificity :</b>	CD42d Polyclonal Antibody detects endogenous levels of CD42d protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	62kD
<b>Cell Pathway :</b>	ECM-receptor interaction;Hematopoietic cell lineage;
<b>Background :</b>	<p>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],</p>
<b>Function :</b>	<p>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.,</p>
<b>Subcellular Location :</b>	Membrane; Single-pass type I membrane protein.
<b>Expression :</b>	Platelets and megakaryocytes.
<b>Tag :</b>	orthogonal
<b>Sort :</b>	747
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

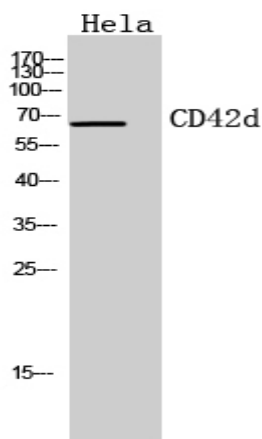
## Products Images

**G**


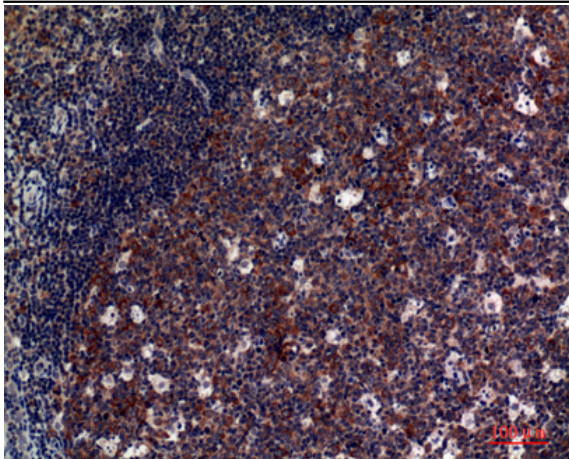
Enhanced Proliferation of Visualizable Mesenchymal Stem Cell-Platelet Hybrid Cell for Versatile Intracerebral Hemorrhage Treatment ACS Nano Dai-Wen Pang WB,IF<sup>2</sup>FC Mouse platelets (PLs),mesenchymal stem cells (MSCs),fusion cells(FCs)

**F**


Enhanced Proliferation of Visualizable Mesenchymal Stem Cell-Platelet Hybrid Cell for Versatile Intracerebral Hemorrhage Treatment ACS Nano Dai-Wen Pang WB,IF<sup>2</sup>FC Mouse platelets (PLs),mesenchymal stem cells (MSCs),fusion cells(FCs)



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