# antibodies -online.com





# anti-ROBO4 antibody (N-Term)





Go to Product page

$\sim$	
( )\/\	view
	V I C V V

Quantity:	400 μL
Target:	ROBO4
Binding Specificity:	AA 236-264, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROBO4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow
	Cytometry (FACS)
Product Details	
Immunogen:	This Roundabout 4 antibody is generated from rabbits immunized with a KLH conjugated
	synthetic peptide between 236-264 amino acids from the N-terminal region of human
	Roundabout 4.
Clone:	RB21227
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ROBO4
Alternative Name:	Roundabout 4 (ROBO4 Products)

# **Target Details**

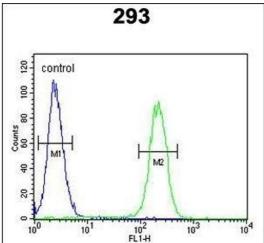
Background:	Roundabout 4 is receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. This protein may mediate the inhibition of primary endothelial cell migration by Slit proteins.
Molecular Weight:	107457
Gene ID:	54538
NCBI Accession:	NP_061928
UniProt:	Q8WZ75

# Application Details

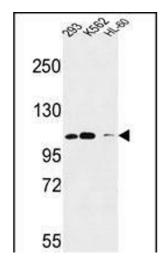
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



# prostate carcinoma



# **Flow Cytometry**

**Image 1.** Roundabout 4 Antibody (N-term) (ABIN651292 and ABIN2840173) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Roundabout 4 Antibody (N-term) (ABIN651292 and ABIN2840173) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Roundabout 4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

## **Western Blotting**

**Image 3.** Roundabout 4 Antibody (N-term) (ABIN651292 and ABIN2840173) western blot analysis in 293,K562,HL-60 cell line lysates (35  $\mu$ g/lane).This demonstrates the Roundabout4 antibody detected the Roundabout4 protein (arrow).