

For Research Use Only

CD177 Recombinant antibody

Catalog Number: 86454-1-RR



Basic Information

Catalog Number:	86454-1-RR	GenBank Accession Number:	NM_026862.3	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	68891	CloneNo.:	250745B9
Source:	Rabbit	UNIPROT ID:	Q8R258	Recommended Dilutions:	WB: 1:1000-1:4000
Isotype:	IgG	Full Name:	CD177 antigen		
Immunogen Catalog Number:	EG2668	Calculated MW:	87 kDa		
		Observed MW:	130 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: mouse bone marrow,
Species Specificity:	
mouse	

Background Information

CD177, also known as NB1, HNA-2a or PRV-1, is a glycosylphosphatidylinositol (GPI)-anchored glycoprotein that belongs to the uPAR/CD59/Ly6 snake toxin superfamily (PMID: 17898576). It is expressed exclusively by neutrophils, neutrophilic metamyelocytes, and myelocytes (PMID: 17580308). CD177 interacts with β 2 integrin CD11b/CD18 and CD11a/CD18, PECAM-1, and participates in neutrophil activation and transmigration (PMID: 17580308; 21193407). CD177 has been identified as a useful biomarker for myeloproliferative diseases (PMID: 17898576).

Storage

Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

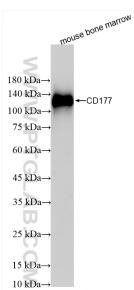
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse bone marrow tissue was subjected to SDS PAGE followed by western blot with 86454-1-RR (Cd177 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.