

Basic Information

Product Name	Anti-CD44 Antibody (Clone#28C33)	
Gene Name	CD44	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF, IP, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human CD44	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	82 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:50
	Flow Cytometry (FCM):	1:50

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Reference

Anti-CD44 Antibody (Clone#28C33)被引用在9文献中。

Selected Validation Data

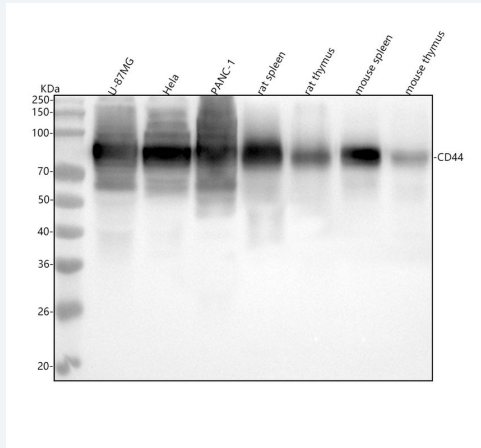


Figure 1. Western blot analysis of anti-CD44 antibody (M00052-4). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human U-87 MG whole cell lysates,

Lane 2: human Hela whole cell lysates,

Lane 3: human PANC-1 whole cell lysates,

Lane 4: rat spleen tissue lysates,

Lane 5: rat thymus tissue lysates,

Lane 6: mouse spleen tissue lysates,

Lane 7: mouse thymus tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CD44 antigen affinity purified monoclonal antibody (M00052-4) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CD44 at approximately 82 kDa. The expected band size for CD44 is at 82 kDa.