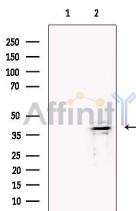


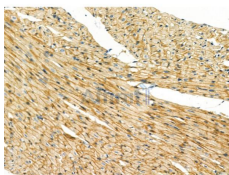
CD57 Ab

[References\(1\)](#) [Images\(5\)](#)

Cat.#: AF5125	Concn.: ~1mg/ml	Mol.Wt.: 38 kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	IHC 1:50-1:200, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human CD57, corresponding to a region within N-terminal amino acids.	
Uniprot:	Q9P2W7	
Description:	Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomuroid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearyl-sphingomyelin was the most effective, followed by palmitoyl-sphingomyelin and lignoceroyl-sphingomyelin.	



Western blot analysis of extracts from Mouse lung, using CD57 Ab. The lane on the left was treated with blocking peptide.



AF5125 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab

in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,
overnight.

For Research Use Only. Not for use in diagnostic and therapeutic
procedures. Not for resale without express authorization.