

## CD57 Ab

Cat.#: AF5125  
Size: 100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 38 kDa  
Clonality: Polyclonal

Application: IHC 1:50-1:200

Reactivity: Human,Mouse,Rat

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: CD57 Ab detects endogenous levels of total CD57.

Immunogen: A synthesized peptide derived from human CD57.

Uniprot: Q9P2W7

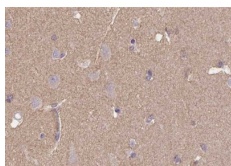
Description: Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomucoid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearoyl-sphingomyelin was the most effective, followed by palmitoyl-sphingomyelin and lignoceroyl-sphingomyelin.

Subcellular Location: Golgi apparatus membrane.

Tissue Specificity: Mainly expressed in the brain.

Similarity: Belongs to the glycosyltransferase 43 family.

Storage Condition and Buffer: 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.



Immunohistochemistry analysis of CD57 Ab in paraffin-embedded human brain tissue.

**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.



**Affinity Biosciences**

website: [www.affbiotech.com](http://www.affbiotech.com)

order: [order@affbiotech.com](mailto:order@affbiotech.com)

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