

## [KD Validated] Anti-DAG1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

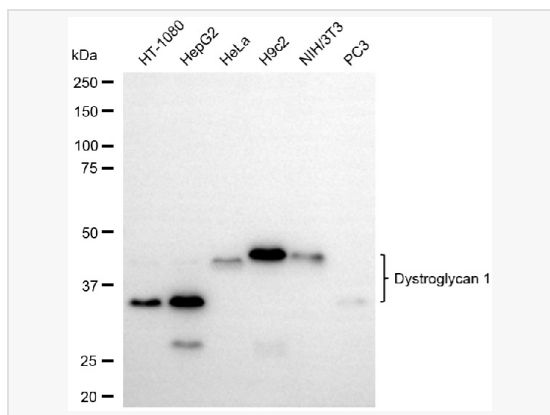
Catalog # R021216

### Product Information

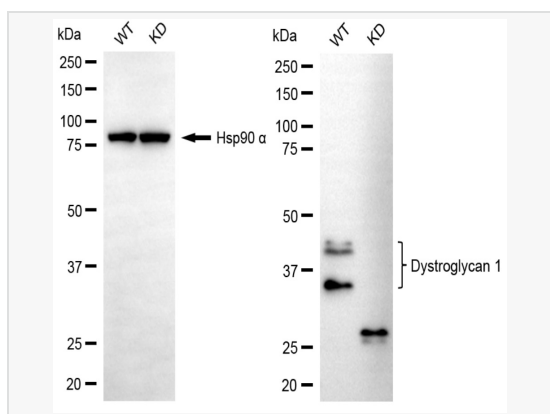
Application	WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:5,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	41H43F28
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human beta Dystroglycan
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-DAG1 Rabbit mAb [41H43F28] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	DAG1; Dystroglycan 1; 156DAG; AGRNR; A3a; DAG; Dystroglycan 1 (Dystrophin-Associated Glycoprotein 1); Dystrophin-Associated Glycoprotein-1; Dystrophin-Associated Glycoprotein 1; Alpha-Dystroglycan; Beta-Dystroglycan; Dystroglycan; LGMDR16; MDDGA9; MDDGC7; MDDGC9.
Calculated MW	Calculated MW: 97 kDa; Observed MW: 35-45 kDa
Uniprot ID	Q14118
Gene ID	1605
Background	The dystroglycan complex is involved in a number of processes including laminin and basement membrane assembly, sarcolemmal stability, cell survival, peripheral nerve myelination, nodal structure, cell migration, and epithelial polarization.



Western blotting analysis using dystroglycan 1 antibody (R021216). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with dystroglycan 1 antibody (R021216, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using dystroglycan 1 antibody (R021216). Dystroglycan 1 expression in wild-type (WT) and dystroglycan 1 (DAG1) knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with dystroglycan 1 antibody (R021216, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.