

KD-Validated Anti-TIMM50 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

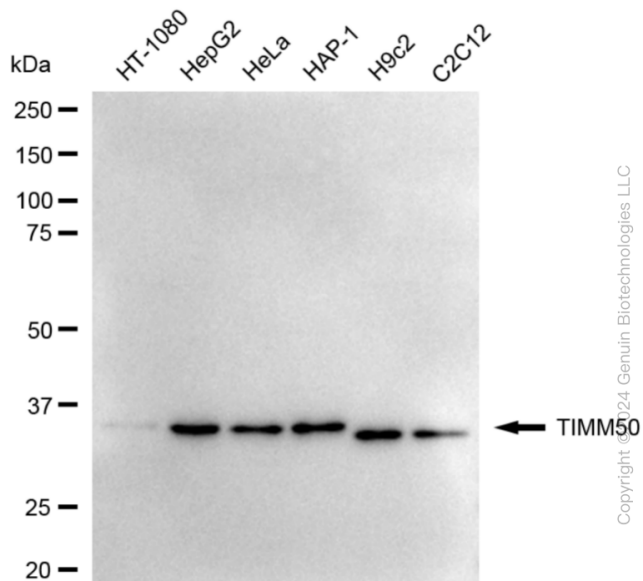
ABG1881

Product Overview

Name	KD-Validated Anti-TIMM50 Rabbit Monoclonal Antibody
Accession(Primary)	Q3ZCQ8
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TIM50
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 40 kDa; Observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

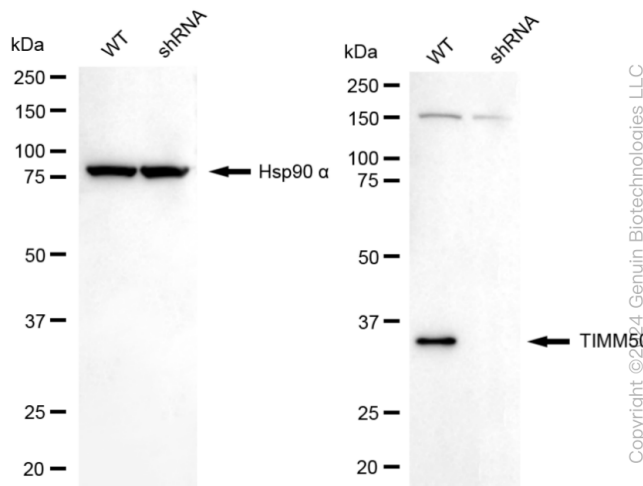
Target information (Q3ZCQ8)

Gene Name	TIMM50
About Gene Symbol	TIMM50 (Translocase Of Inner Mitochondrial Membrane 50) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



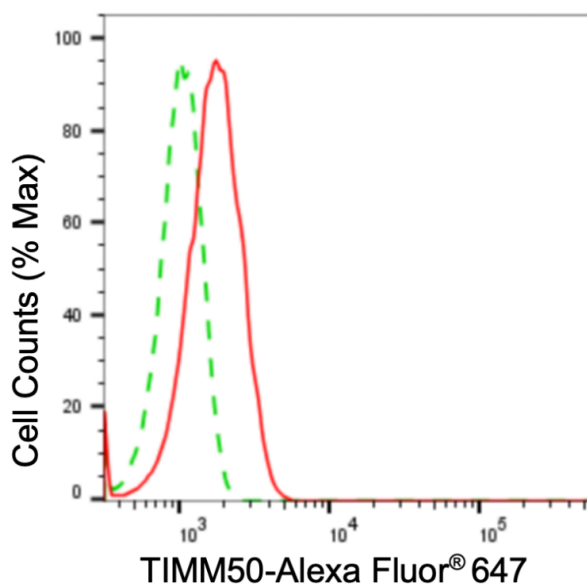
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Western blotting analysis using anti-TIMM50 antibody (Cat#ABG1881). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TIMM50 antibody (Cat#ABG1881, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



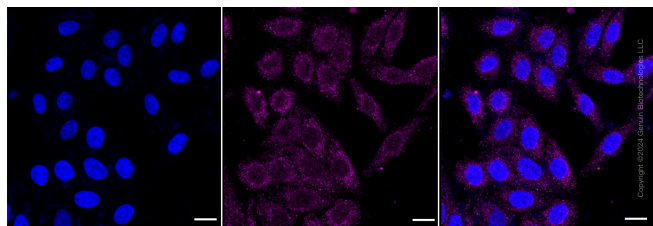
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Western blotting analysis using anti-TIMM50 antibody (Cat#ABG1881). TIMM50 expression in wild-type (WT) and TIMM50 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TIMM50 antibody (Cat#ABG1881, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of TIMM50 expression in HepG2 cells using anti-TIMM50 antibody (Cat#ABG1881, 1:2,000). Green, isotype control; red, TIMM50.



Immunocytochemical staining of HepG2 cells with anti-TIMM50 antibody (Cat#ABG1881, 1:1,000).

Nuclei were stained blue with DAPI; TIMM50 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μ m.