

KD-Validated Anti-CD97 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

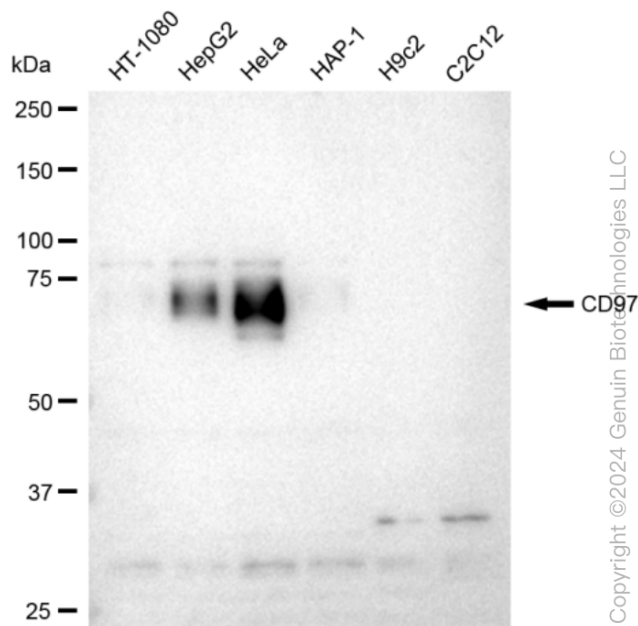
ABG1198

Product Overview

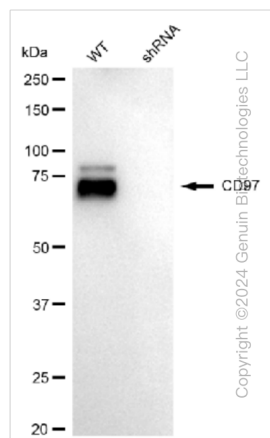
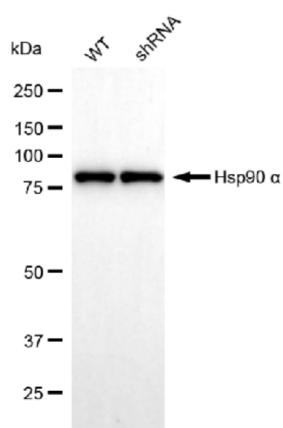
Name	KD-Validated Anti-CD97 Rabbit Monoclonal Antibody
Accession(Primary)	P48960
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CD97
Species Reactivity	Human
Calculated MW	Predicted, 92 kDa, observed, 74 kDa
Storage Buffer	Supplied in PBS (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

Target information (P48960)

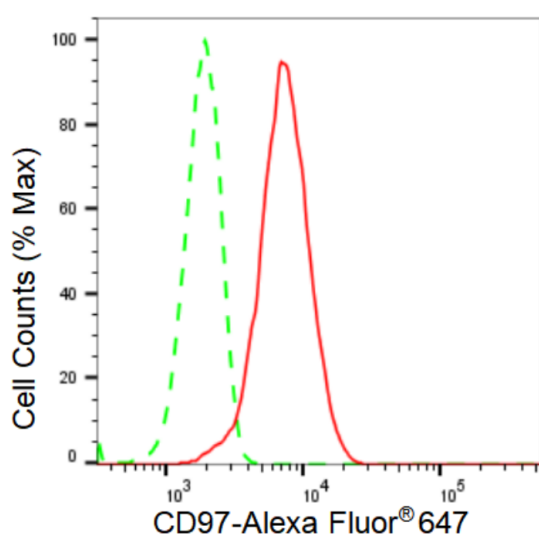
Gene Name	ADGRE5
About Gene Symbol	ADGRE5 (Adhesion G Protein-Coupled Receptor E5) is a membrane receptor involved in adaptive immunity. It is an important research target in inflammatory disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-CD97 antibody (Cat#ABG1198). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD97 antibody (Cat#ABG1198, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CD97 antibody (Cat#ABG1198). CD97 expression in wild type (WT) and CD97 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-CD97 antibody (Cat#ABG1198, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CD97 expression in HeLa cells using CD97 antibody (Cat#ABG1198, 1:2,000). Green, isotype control; red, CD97.