

KD-Validated Anti-Basigin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

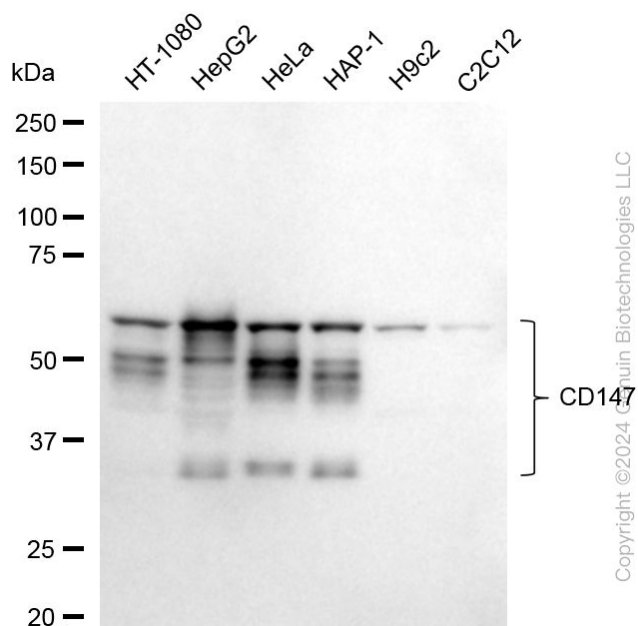
ABG1799

Product Overview

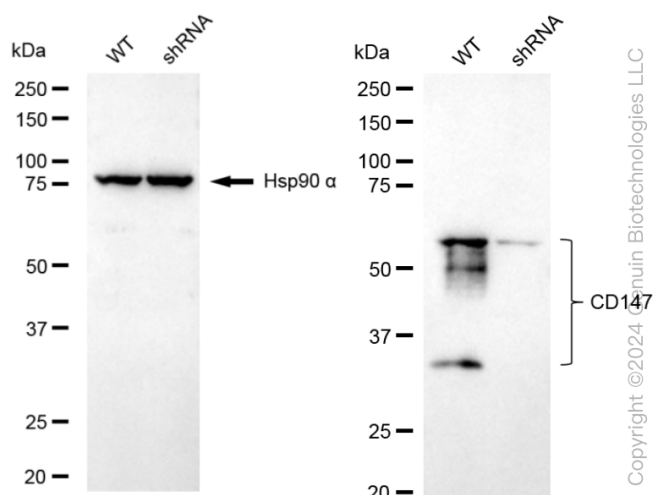
Name	KD-Validated Anti-Basigin Rabbit Monoclonal Antibody
Accession(Primary)	P35613
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CD147
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 42 kDa, observed, 35-60 kDa
Storage Buffer	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 (P35613)

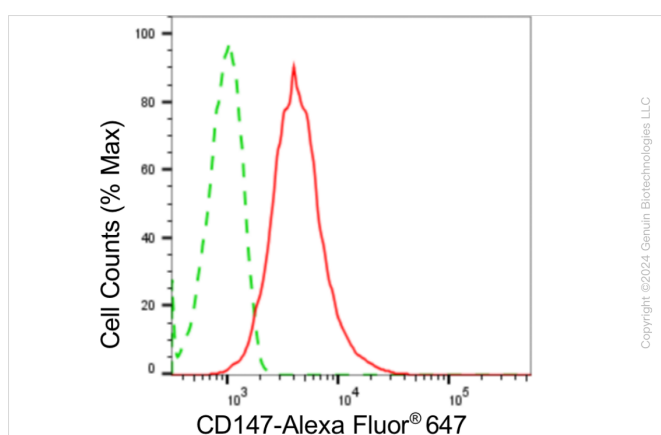
Gene Name	BSG
About Gene Symbol	BSG (Basigin (Ok Blood Group)) is a collagen extracellular matrix protein involved in adaptive immunity. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



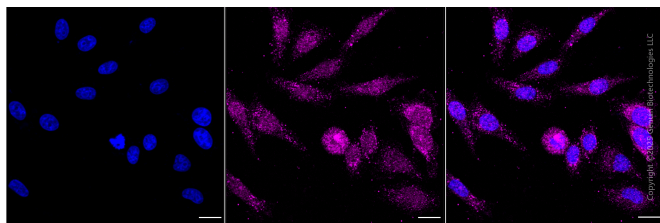
Western blotting analysis using anti-CD147 antibody (Cat#ABG1799). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD147 antibody (Cat#ABG1799, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CD147 antibody (Cat#ABG1799). CD147 expression in wild-type (WT) and BSG shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CD147 antibody (Cat#ABG1799, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CD147 expression in HepG2 cells using anti-CD147 antibody (Cat#ABG1799, 1:2,000). Green, isotype control; red, CD147.



Immunocytochemical staining of HepG2 cells with anti-CD147 antibody (Cat#ABG1799, 1:1,000).

Nuclei were stained blue with DAPI; CD147 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.