9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Stromal interaction molecule 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1285

Product Overview

Name	KD-Validated Anti-Stromal interaction molecule 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q13586
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Stromal interaction molecule 1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 77 kDa, observed, 77 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): 1:1,000

Target information (Q13586)

Gene Name	STIM1
About Gene Symbol	STIM1 (Stromal Interaction Molecule 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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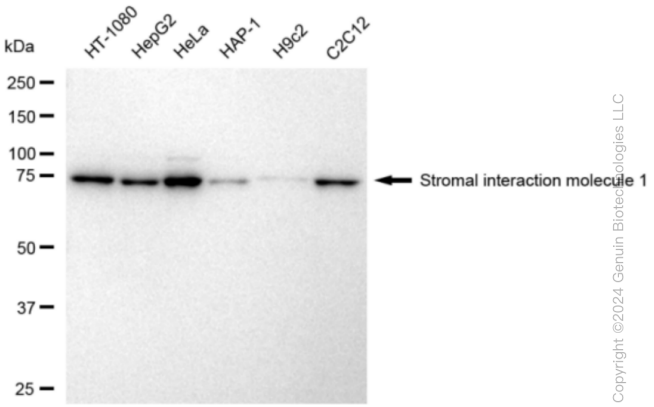

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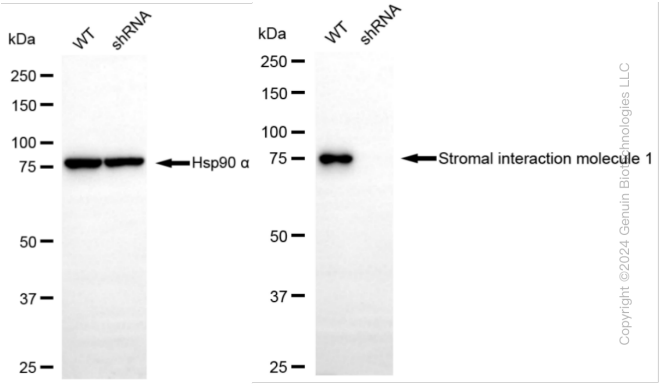
Western blotting analysis using anti-Stromal interaction molecule 1 antibody (Cat#ABG1285). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Stromal interaction molecule 1 antibody (Cat#ABG1285, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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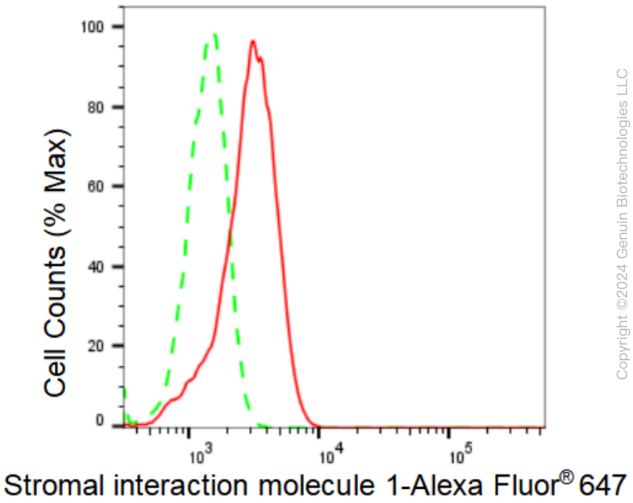
Western blotting analysis using anti-Stromal interaction molecule 1 antibody (Cat#ABG1285). Stromal interaction molecule 1 expression in wild type (WT) and stromal interaction molecule 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Stromal interaction molecule 1 antibody (Cat#ABG1285, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Stromal interaction molecule 1 expression in HeLa cells using Stromal interaction molecule 1 antibody (Cat#ABG1285, 1:2,000). Green, isotype control; red, Stromal interaction molecule 1.

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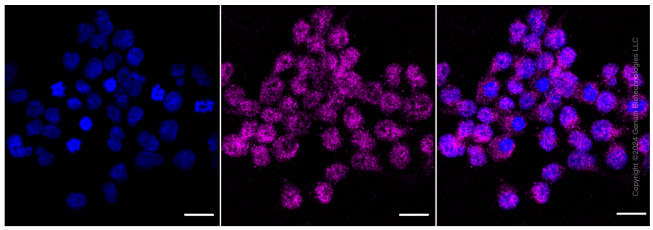

Immunocytochemical staining of HeLa cells with Stromal interaction molecule 1 antibody (Cat#ABG1285, 1:1,000). Nuclei were stained blue with DAPI; Stromal interaction molecule 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.