9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Inhibin subunit beta B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1062

Product Overview

Name	KD-Validated Anti-Inhibin subunit beta B Rabbit Monoclonal Antibody
Accession(Primary)	P09529
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Inhibin beta B
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 45 kDa, observed, 52 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P09529)

Gene Name	INHBB
About Gene Symbol	INHBB (Inhibin Subunit Beta B) is a cytokine and immune signaling protein involved in TGF-β signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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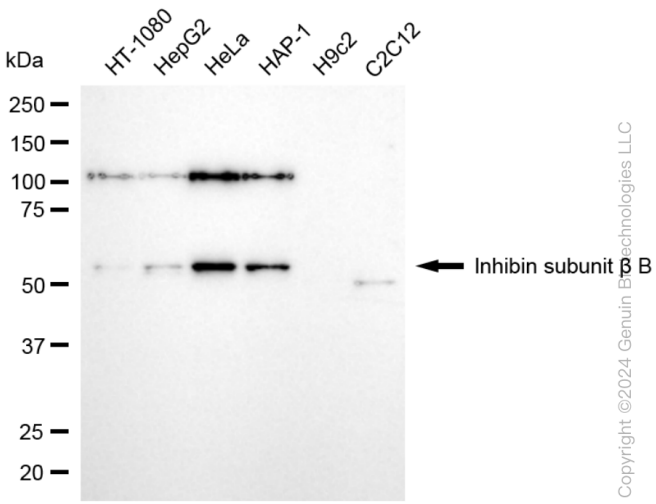

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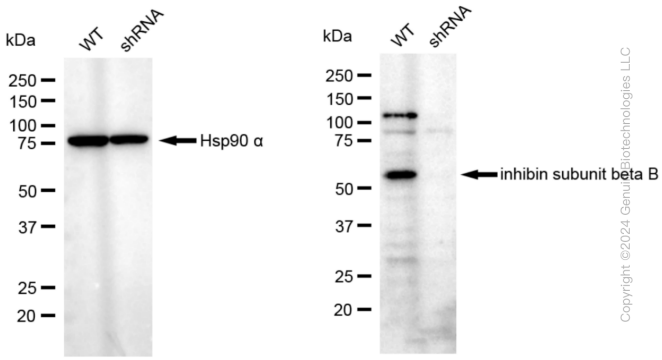
Western blotting analysis using anti-inhibin subunit beta B antibody (Cat#ABG1062). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-inhibin subunit beta B antibody (Cat#ABG1062, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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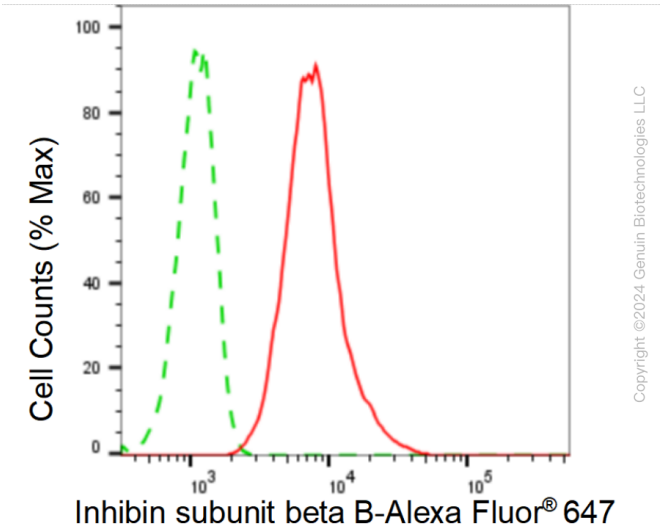
Western blotting analysis using anti-inhibin subunit beta B antibody (Cat#ABG1062). Inhibin subunit beta B expression in wild-type (WT) and inhibin subunit beta B (INHBB) shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-inhibin subunit beta B antibody (Cat#ABG1062, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of inhibin subunit beta B expression in HT-1080 cells using inhibin subunit beta B antibody (Cat#ABG1062, 1:2,000). Green, isotype control; red, inhibin subunit beta B.

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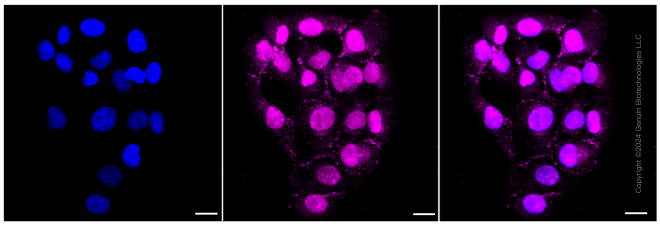

Immunocytochemical staining of HT-1080 cells with anti-inhibin subunit beta B antibody (Cat#ABG1062, 1:1,000). Nuclei were stained blue with DAPI; Inhibin subunit beta B was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.