9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-Trophoblast Glycoprotein Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1751

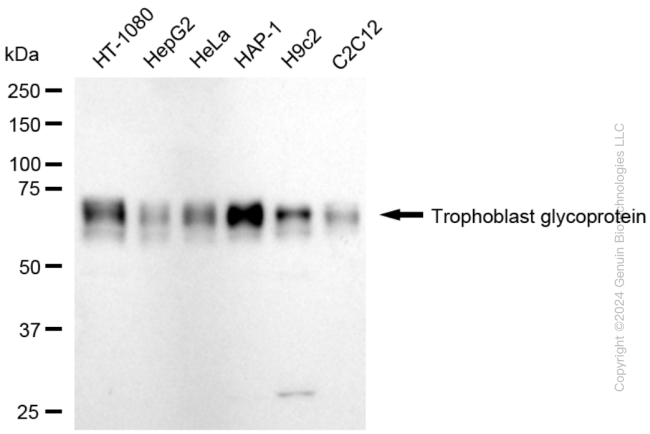
Product Overview

Name	KD-Validated Anti-Trophoblast Glycoprotein Rabbit Monoclonal Antibody
Accession(Primary)	Q13641
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human 5T4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 46 kDa , o bserved , 72 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 (Q13641)

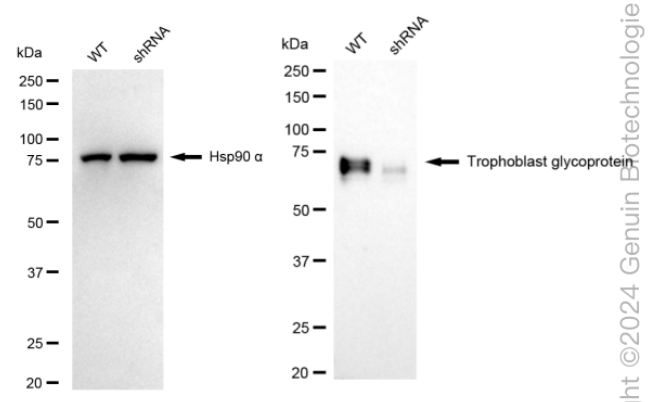
Gene Name	TPBG
About Gene Symbol	TPBG (Trophoblast Glycoprotein) is a protein kinase and signaling regulator involved in Wnt/β-catenin signaling and adaptive immunity. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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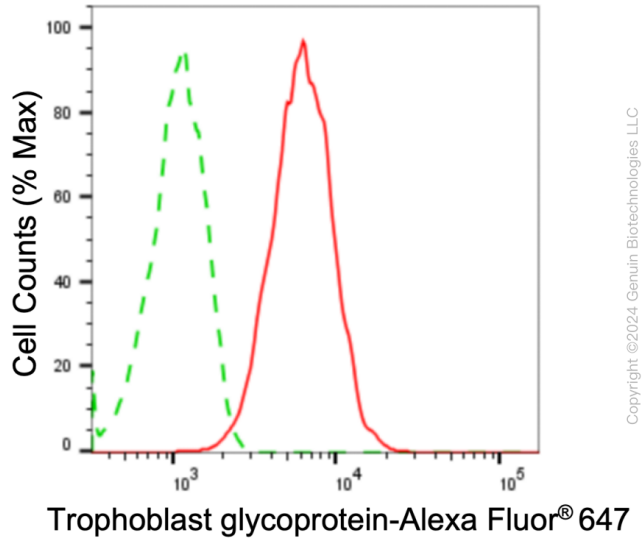
Western blotting analysis using anti-Trophoblast glycoprotein antibody (Cat#ABG1751). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Trophoblast glycoprotein antibody (Cat#ABG1751, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-trophoblast glycoprotein antibody (Cat#ABG1751). Trophoblast glycoprotein expression in wild-type (WT) and trophoblast glycoprotein (TPBG) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-trophoblast glycoprotein antibody (Cat#ABG1751, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

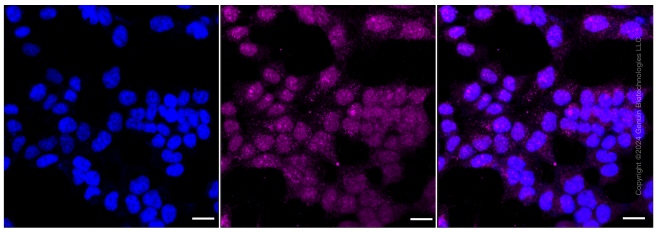
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Flow cytometric analysis of Trophoblast glycoprotein expression in HAP-1 cells using anti-Trophoblast glycoprotein antibody (Cat #ABG1751, 1:2,000). Green, isotype control; red, Trophoblast glycoprotein.

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Immunocytochemical staining of HAP-1 with anti-trophoblast glycoprotein antibody (Cat#ABG1751, 1:1,000). Nuclei were stained blue with DAPI; Trophoblast glycoprotein 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.