

MEK3 Monoclonal Antibody (3G2)

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	3G2
Conjugate	Unconjugated
Immunogen	Recombinant human protein purified from E.coli (His-MEK3)
Form	liquid
Concentration	2 mg/mL
Purification	Protein G
Storage buffer	HEPES with 0.15M NaCl, 0.01% BSA, 50% glycerol
Contains	0.03% sodium azide
Storage Conditions	-20°C
RRID	AB_2538684

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	-

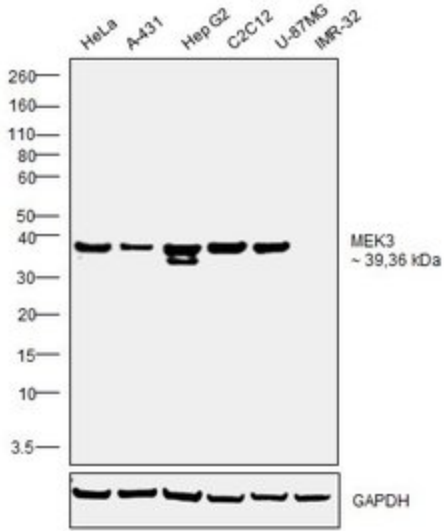
Product Specific Information

A suggested positive control for this product is HepG2 cells.

Advanced Verification Data

MEK3 Antibody (MA5-17216)

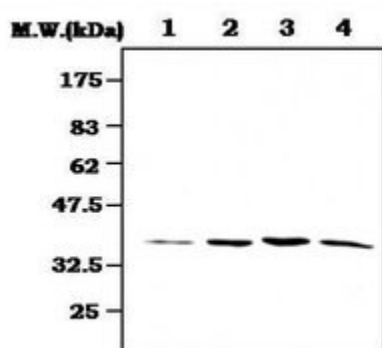
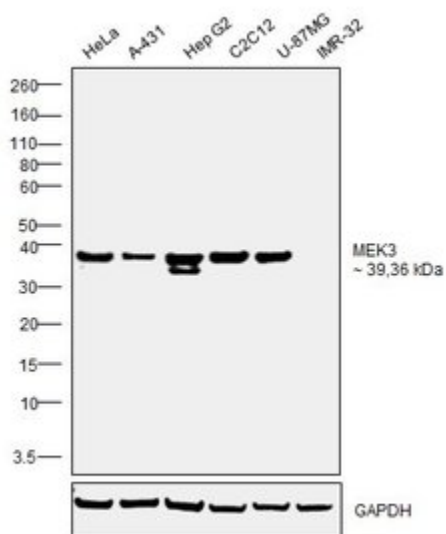
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines tested owing to their inherent genetic constitution. Relative expression of MEK3 was observed in HeLa, A-431, Hep G2, C2C12 and U-87MG in higher levels in comparison to IMR-32 in low levels using Anti-MEK3 Monoclonal Antibody (Product # MA5-17216) in Western Blot. Relative expression validation info.



Product Images For MEK3 Monoclonal Antibody (3G2)

MEK3 Antibody (MA5-17216) in WB

Western blot was performed using Anti-MEK3 Rabbit Monoclonal Antibody (Product # MA5-17216) and 39 kDa, 36 kDa band corresponding to MEK3 was observed across the cell lines tested. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), A-431 (Lane 2), Hep G2 (Lane 3), C2C12 (Lane 4), U-87MG (Lane 5) and IMR-32 (Lane 6) were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris gel (Product # NP0342BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (2 µg/mL) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



MEK3 Antibody (MA5-17216) in WB

Western blot analysis of MEK3 using anti-MEK3 monoclonal antibody (Product # MA5-17216) on (Lane 1) A431 Cell lysate, (Lane 2) HepG2 Cell lysate, (Lane 3) NIH3T3 Cell lysate and (Lane 4) C6 Cell lysate.

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