

DR4 Monoclonal Antibody (32A242)

Product Details

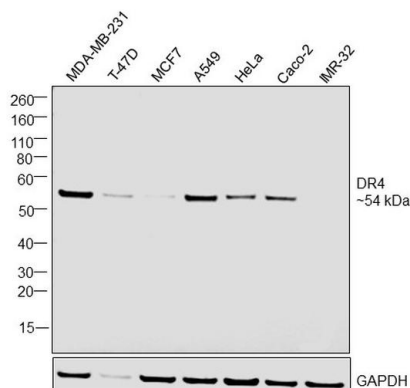
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	32A242
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues 2-21 of mature human DR4.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1088005

Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-

Product Specific Information

Suggested positive control: Hela whole cell extract, HeLa cell lysate.

Product Images For DR4 Monoclonal Antibody (32A242)

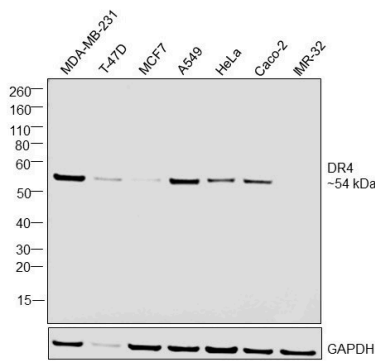


DR4 Antibody (MA1-41049) in WB

Western Blot was performed using Anti-DR4 Monoclonal Antibody (32A242) (Product # MA1-41049) and a 54 kDa band corresponding to Tumor necrosis factor receptor superfamily member 10A was observed across tested samples. Membrane enriched extracts (40 µg lysate) of MDA-MB-231 (Lane 1), T-47D (Lane 2), MCF7 (Lane 3), A549 (Lane 4), HeLa (Lane 5), Caco-2 (Lane 6), IMR-32 (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2001) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1 µg/mL concentration) 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).

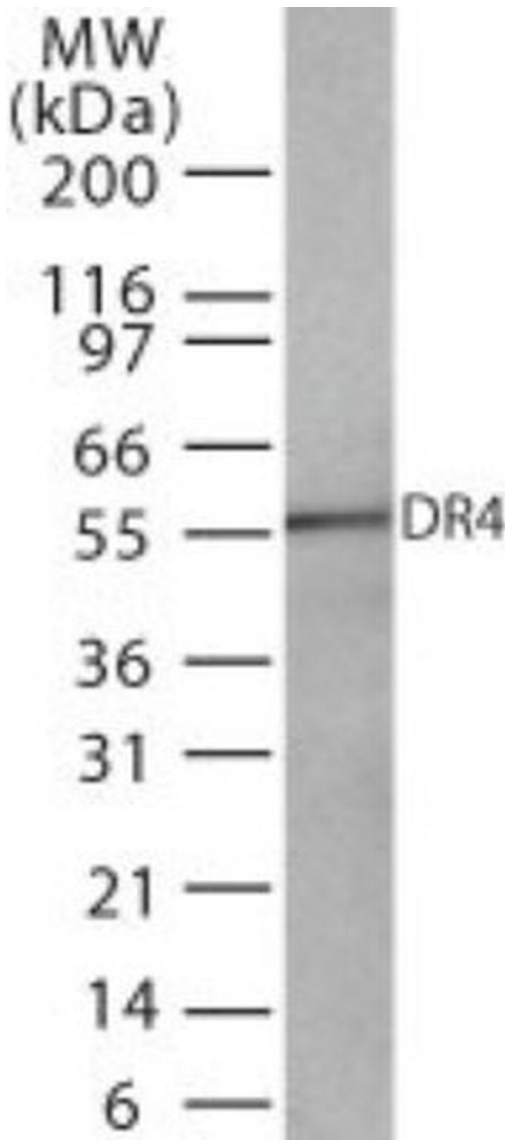
DR4 Antibody (MA1-41049)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Relative expression of Tumor necrosis factor receptor superfamily member 10A was observed in MDA-MB-231, A549 compared to MCF7 and IMR-32 using Anti-DR4 Monoclonal Antibody (32A242) (Product # MA1-41049) in Western Blot (DOI: 10.1158/1541-7786.MCR-08-0313). {RE}



DR4 Antibody (MA1-41049) in WB

Western blot analysis of DR4 in 20 µg total cell lysate from HeLa cells. Samples were incubated in DR4 monoclonal antibody (Product # MA1-41049) using a dilution of 2 µg/mL followed by a goat anti-mouse Ig HRP secondary antibody. PicoText ECL substrate solution was used for this test.



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