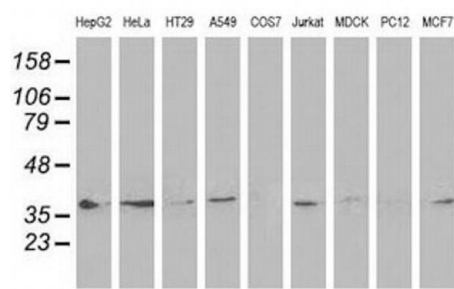


# HSP40 Monoclonal Antibody (OTI1F9)

Product Details	
Size	100 µL
Species Reactivity	Dog, Human, Mouse
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	OTI1F9
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of DNAJB1 produced in HEK293T cell
Form	Liquid
Concentration	1.6 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2724489

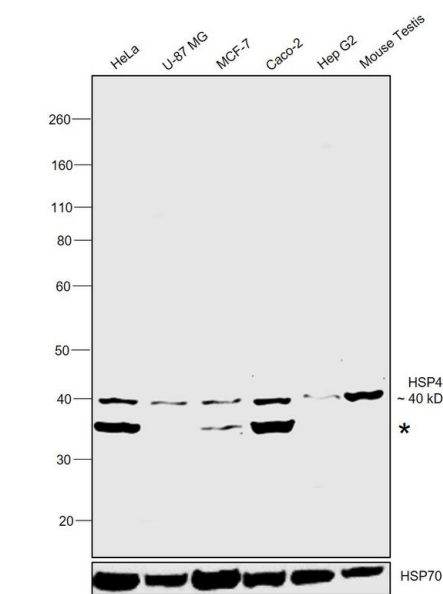
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	1:100	-

Product Images For HSP40 Monoclonal Antibody (OTI1F9)



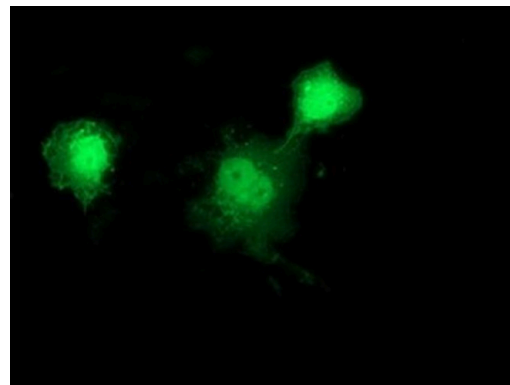
HSP40 Antibody (MA5-25363) in WB

Western blot analysis of DNAJB1 in HepG2, HeLa, SVT2, A549, COS7, Jurkat, MDCK, PC12 and MCF7 cells using 35 µg per lane. Samples were separated by SDS-PAGE and probed with DNAJB1 (Product # MA5-25363) monoclonal antibody.



HSP40 Antibody (MA5-25363) in WB

Western blot was performed using Anti-HSP40 Monoclonal Antibody (OTI1F9) (Product # MA5-25363) and a 40 kDa band corresponding to HSP40 was observed across cell lines and tissue extract tested along with an additional band at ~35 kDa. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), U-87 MG (Lane 2), MCF-7 (Lane 3), Caco-2 (Lane 4), Hep G2 (Lane 5) and tissue extract of Mouse Testis (Lane 6) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). 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 (1:1000 dilution) 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 SuperSignal™ West Dura Extended Duration Substrate (Product # 34076). A non specific band around 35 kDa has also been picked up in cell lines.



HSP40 Antibody (MA5-25363) in ICC/IF

Immunofluorescent analysis of DNAJB1 in COS7 cells. Cells were transfected with a plasmid overexpressing DNAJB1 and probed with a DNAJB1 monoclonal antibody (Product # MA5-25363).

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