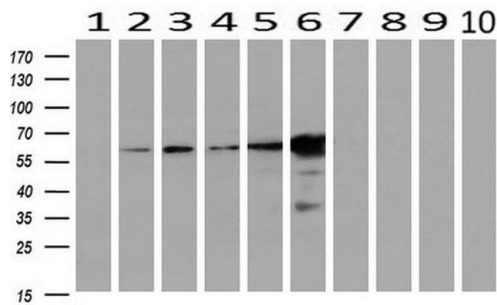


EPHX2 Monoclonal Antibody (OTI1H5)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI1H5
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of EPHX2 produced in HEK293T cell
Form	Liquid
Concentration	1 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_2723132

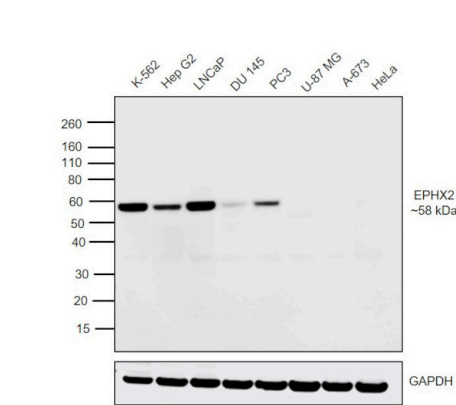
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-

Product Images For EPHX2 Monoclonal Antibody (OTI1H5)



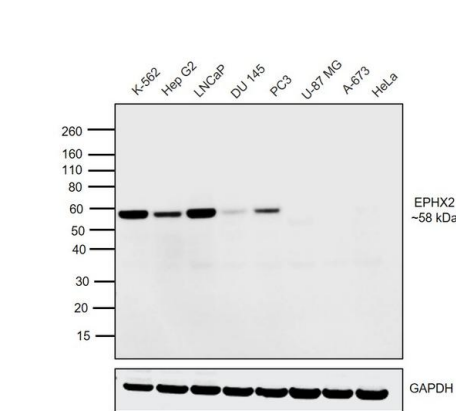
EPHX2 Antibody (MA5-25223) in WB

Western blot analysis of EPHX2 in human tissue (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen) samples using 10 µg per lane. Samples were separated by SDS-PAGE and probed with EPHX2 (Product # MA5-25223) monoclonal antibody at a dilution of 1:200.



EPHX2 Antibody (MA5-25223)

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 bifunctional epoxide hydrolase 2 (EPHX2) was observed in high expression cell lines K-562, Hep G2, LNCaP, DU 145 and PC-3 and not expressed in null cell lines U-87 MG, A-673 and HeLa using Anti-EPHX2 Monoclonal Antibody (OTI1H5) (Product # MA5-25223) in Western Blot. {RE}



EPHX2 Antibody (MA5-25223) in WB

Western blot was performed using Anti-EPHX2 Monoclonal Antibody (OTI1H5) (Product # MA5-25223) and a 58 kDa band corresponding to bifunctional Epoxide Hydrolase 2 (EPHX2) was observed across cell lines tested except U-87 MG, A-673 and HeLa. Whole cell extracts (30 µg lysate) of K-562 (Lane 1), Hep G2 (Lane 2), LNCaP (Lane 3), DU 145 (Lane 4), PC-3 (Lane 5), U-87 MG (Lane 6), A-673 (Lane 7) and HeLa (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX), 10 well. 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, 1:20,000 dilution) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).

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