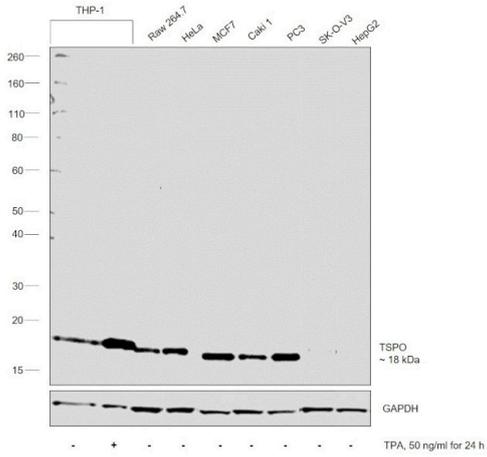


# TSPO Recombinant Rabbit Monoclonal Antibody (23G2)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	23G2
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human TSPO (50-169aa)
Form	Liquid
Concentration	0.94 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol, 150mM NaCl
Contains	0.02% sodium azide
Storage conditions	-20°C or -80°C if preferred
RRID	AB_2812019

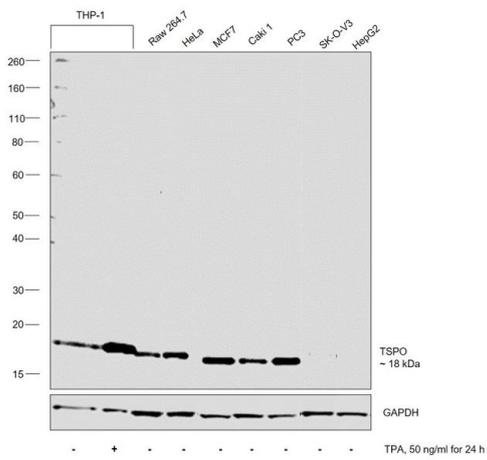
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:20-1:200	-
Flow Cytometry (Flow)	Assay-Dependent	-
ELISA (ELISA)	Assay-Dependent	-
Immunoprecipitation (IP)	1:200-1:1,000	-

## Product Images For TSPO Recombinant Rabbit Monoclonal Antibody (23G2)



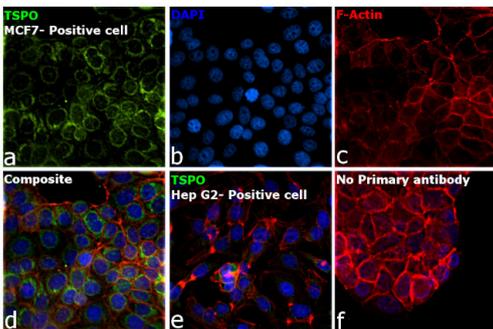
### TSPO Antibody (MA5-33203)

Antibody specificity was demonstrated by detection of differential basal expression of the target across the cell lines tested owing to their inherent genetic constitution. Relative expression of TSPO was observed in THP1, Raw 264.7, HeLa, MCF7, Caki 1, PC3 in comparison to SK-O-V3 and HepG2 using Anti-TSPO Recombinant Rabbit Monoclonal Antibody (Product # MA5-33203) in Western Blot. {RE}



### TSPO Antibody (MA5-33203) in WB

Western blot was performed using Anti-TSPO Recombinant Rabbit Monoclonal Antibody (Product # MA5-33203) and a 18 kDa band corresponding to TSPO was observed across across the cell lines tested. Membrane enriched extracts (30 µg lysate) of THP-1 (Lane 1), THP-1 treated with TPA (50 ng/mL for 24 h) (Lane 2), RAW 264.7 (Lane 3), HeLa (Lane 4), MCF7 (Lane 5), Caki-1 (Lane 6), PC-3 (Lane 7), SK-O-V3 (Lane 8), Hep G2 (Lane 9) 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-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20000 dilution) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



### TSPO Antibody (MA5-33203)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-TSPO Recombinant Rabbit Monoclonal Antibody (Product # MA5-33203), shows higher expression of TSPO in MCF7 cells as compared to Hep G2 cells. {RE}

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