

PMS2 Recombinant Rabbit Monoclonal Antibody (SY08-09)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	SY08-09
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human PMS2 aa 1-50
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
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_2809338

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (IHC)	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
Flow Cytometry (Flow)	1:1,000	-
ChIP assay (ChIP)	2.5 µg/10 ⁶ cells	-

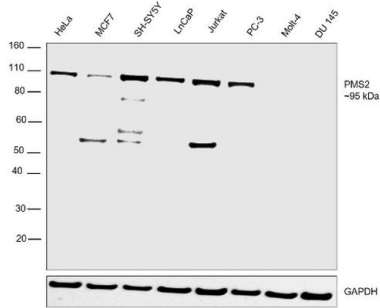
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For PMS2 Recombinant Rabbit Monoclonal Antibody (SY08-09)

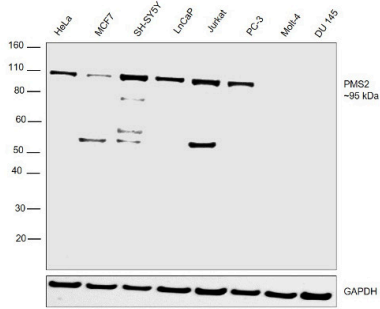
PMS2 Antibody (MA5-32044) in WB

Western blot was performed using Anti-PMS2 Recombinant Rabbit Monoclonal Antibody (SY08-09) (Product # MA5-32044) and a 95kDa band corresponding to PMS2 was observed in HeLa, MCF7, SH-SY5Y, LNCaP, Jurkat and PC-3 but not in Molt-4 and DU 145 which are reported to be negative. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), MCF7 (Lane 2), SH-SY5Y (Lane 3), LNCaP (Lane 4), Jurkat (Lane 5), PC-3 (Lane 6), Molt-4 (Lane 7) and DU 145 (Lane 8) 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: 4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



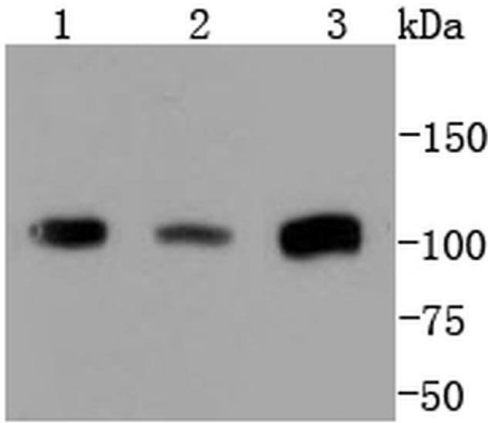
PMS2 Antibody (MA5-32044)

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 PMS2 was observed in HeLa, MCF7, SH-SY5Y, LNCaP, Jurkat and PC-3 but not in Molt-4 and DU 145 using Anti-PMS2 Monoclonal Antibody (OTI4B7) (Product # MA5-32044) in Western Blot. {RE}



PMS2 Antibody (MA5-32044) in WB

Western blot analysis of PMS2 in different lysates using a Monoclonal antibody (Product #MA5-32044) at a dilution of 1:1,000. Positive control: Lane 1: Jurkat, Lane 2: Hela, Lane 3: SK-BR-3.



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