

# NMI Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human NMI recombinant protein (Position: E2-E307).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746860

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

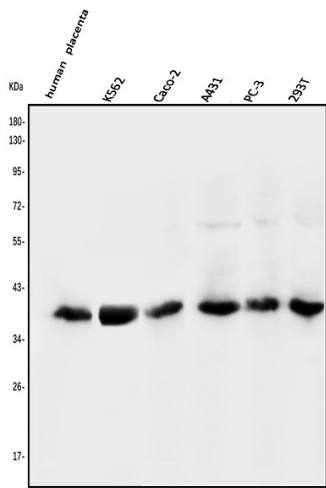
## Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For NMI Polyclonal Antibody

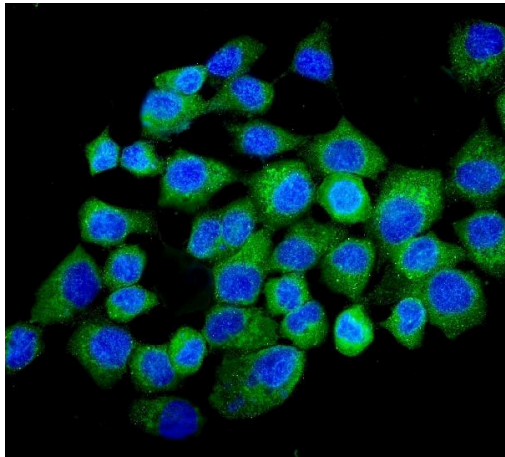
NMI Antibody (PA5-79745) in WB

Western blot analysis of NMI in, Lane 1: human placenta tissue lysates, Lane 2: human K562 whole cell lysates, Lane 3: human Caco-2 whole cell lysates, Lane 4: human A431 whole cell lysates, Lane 5: human PC-3 whole cell lysates, Lane 6: human 293T whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. The membrane was blocked with 5% Non-fat Milk/ TBS for 1. 5 hour at RT. The membrane was incubated with NMI Polyclonal Antibody (Product # PA5-79745) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for NMI at approximately 35KD. The expected band size for NMI is at 35KD.



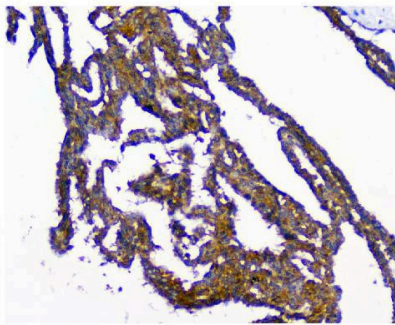
NMI Antibody (PA5-79745) in ICC/IF

Immunocytochemistry analysis of NMI using anti-NMI antibody (Product # PA5-79745) . NMI was detected in a section of A431 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 2g/mL rabbit anti-NMI antibody (Product # PA5-79745) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



NMI Antibody (PA5-79745) in IHC (P)

Immunohistochemical analysis of NMI in paraffin-embedded section of human mammary cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution).The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1g/mL rabbit anti-NMI antibody (Product # PA5-79745) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37° C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



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