

# MR1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human MR1 recombinant protein (Position: R23-D269).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2884819

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-
ELISA (ELISA)	0.1-0.5 µg/mL	-

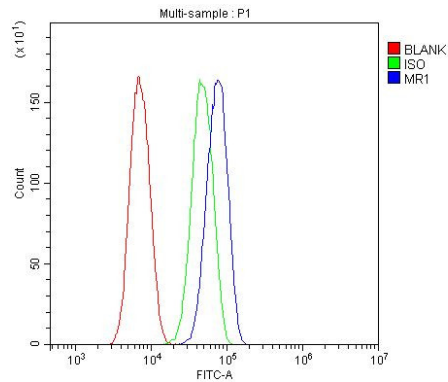
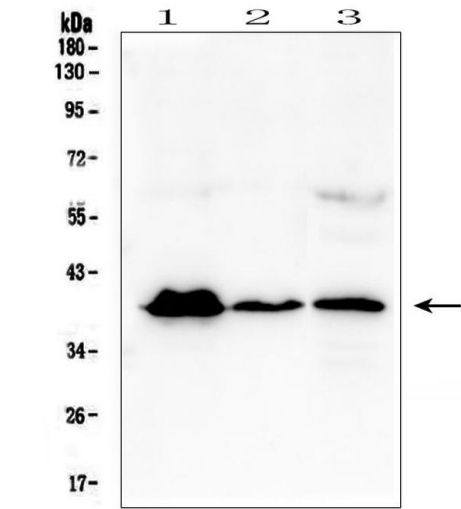
## Product Specific Information

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

Product Images For MR1 Polyclonal Antibody

MR1 Antibody (PA5-114362) in WB

Western blot analysis of MR1 in the following samples: Lane 1: human T-47D whole cell lysates, Lane 2: human U-937 whole cell lysates, Lane 3: human A431 whole cell lysates. Samples consisting of 50 µg (reducing conditions) of protein was separated with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V, Resolving gel; 2-3 hrs.), transferred to a Nitrocellulose membrane (150mA, 50-90 min) and washed with TBS-0.1% Tween (3 times, 5 minutes/wash) and blocked with 5% Non-fat Milk/TBS (1.5 hrs., room temperature). The membrane was incubated in MR1 polyclonal antibody (Product # PA5-114362) at a dilution of 0.5 µg/mL (overnight, 4°C), followed by goat anti-rabbit IgG-HRP and chemiluminescence (ECL) with a dilution of 1:10,000 (1.5 hours, room temperature).



MR1 Antibody (PA5-114362) in Flow

Flow Cytometry of MR1 in SiHa cells (blue line), isotype control rabbit IgG (green line) and unlabeled (red line). Samples were blocked with 10% goat serum, incubated with MR1 Polyclonal Antibody (Product # PA5-114362) at a dilution of 1 g (per 1x10<sup>6</sup> cells), followed by DyLight®488 conjugated goat anti-rabbit IgG (for 30 minutes at 20°C) using 5-10 g (per 1x10<sup>6</sup> cells) dilution.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.