

Anti-MR1 antibody (23-291) (STJ110354)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

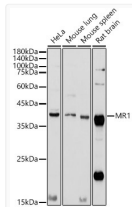
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 39kDa Observed Mw: 39kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

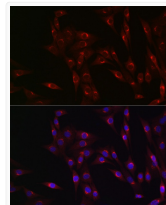
Gene ID	3140
Gene Symbol	MR1
UniProt ID	HMR1_HUMAN
Immunogen Region	23-291
Immunogen Sequence	RTHSLRYFRLGVSDPIHGVP EFISVGYVDSHPITTYDSVT RQKEPRAPWMAENLAPDHWE RYTQLLRGWQMFVKVELKRL QRHYNHSGSHTYQRMIGCEL LEDGSTTGFLQYAYDGGQDFL IFNKDTLSWLAVDNVAHTIK QAWEANQHHELLYQKNWLEEE CIAWLKRFLEYGKDTLQRTE PPLVRVNRKETFPGVTAALFC KAHGFYPPFIYMTWMKNGEE IVQEIDYGDILPSGDGTYQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 23-291 of human MR1 (NP_001522.1).

ADDITIONAL INFORMATION

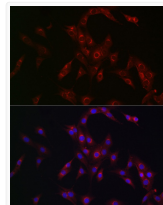
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using MR1 Rabbit pAb (STJ110354) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1s.



Immunofluorescence analysis of NIH/3T3 cells using MR1 Rabbit pAb (STJ110354) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using MR1 Rabbit pAb (STJ110354) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.