

MRE11 Monoclonal Antibody (12D7)

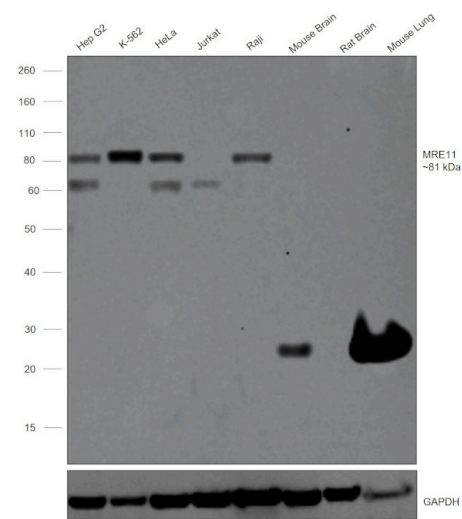
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	12D7
Conjugate	Unconjugated
Immunogen	Amino acids 182-582 of Mre11 expressed in E. coli.
Form	Liquid
Concentration	0.45 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_560193

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:20	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	1:100	-
Functional Assay (FN)	Assay-dependent	-
in situ PLA (PLA)	Assay-dependent	-

Product Specific Information

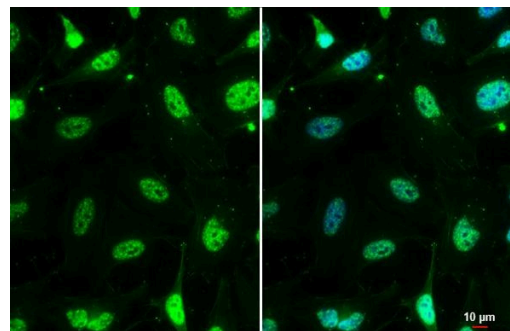
Recommended positive controls: HeLa, Jurkat, Raji, NCI-H929, 293T, human Mre11-transfected 293T, PC-12.

Product Images For MRE11 Monoclonal Antibody (12D7)



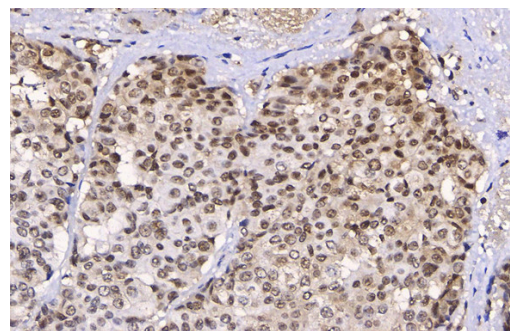
MRE11 Antibody (MA1-23253) in WB

Western blot was performed using MRE11 Monoclonal Antibody (12D7) (Product # MA1-23253) and a 81 kDa band corresponding to MRE11 was observed across all the cell lines. Whole cell extracts (30 µg lysate) of Hep G2 (Lane 1), K-562 (Lane 2), HeLa (Lane 3), Raji (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX), 12 well. 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) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:10,000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



MRE11 Antibody (MA1-23253) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of MRE11 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: MRE11 Monoclonal Antibody (12D7) (Product # MA1-23253) diluted at 1:200. Blue: Hoechst 33342 staining. Scale bar = 10 µm.



MRE11 Antibody (MA1-23253) in IHC (P)

MRE11 Monoclonal Antibody (12D7) detects Mre11 protein at nucleus by immunohistochemical analysis (Autostainer Formulated). Sample: Paraffin-embedded human colon cancer. Mre11 stained by MRE11 Monoclonal Antibody (12D7) (Product # MA1-23253) diluted at 1:300. Antigen Retrieval: EDTA buffer, 20 min.

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