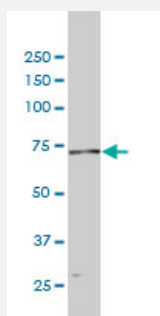


POLA2 monoclonal antibody (M01), clone 2F11

Catalog # H00023649-M01

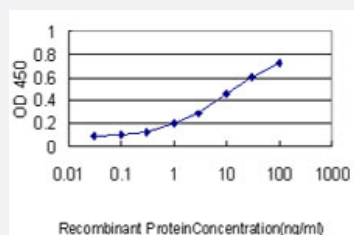
Size 100 ug

Applications



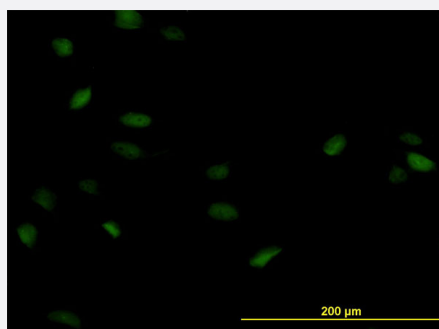
Western Blot (Cell lysate)

POLA2 monoclonal antibody (M01), clone 2F11 Western Blot analysis of POLA2 expression in HeLa (Cat # L013V1).



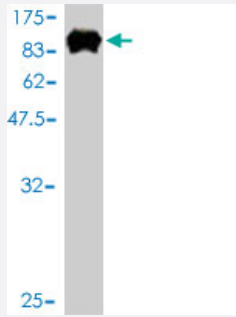
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged POLA2 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to POLA2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (91.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant POLA2.
Immunogen	POLA2 (AAH01347, 1 a.a. ~ 598 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSASAQQLAEELQIFGLDCEEALIEKLVELCVQYQGNEEGMVGELIAFCTSTHKVGLTSEILNSFE HEFLSKRLSKARHSTCKDSGHAGARDIVSIQELIEVEEEEEILLNSYTPSKGSQKRAISTPETPLTK RSVSTRSPHQLLSPSSFSPSATPSQKYNRSNRGEVVTSFGLAQGVSWSGRGGAGNISLKVLC PEALTGSYKSMFQKLPDIREVLTCKIEELGSELKEHYKIEAFTPLAPAQEPVTLGQIGCDSDNGKL NNKSVILEGDREHSSGAQIPVDLSELKEYSLFPGQVVIMEGINTTGRKLVATKLYEGVPLPFYQPTE EDADFEQSMVLVACGPYTTSDSITYDPLLDIAVINHDRPDVCILFGPFLDAKHEQVENCLLTSPFE DIFKQCLRTIIEGTRSSGSHLVFVPSLRDVHHEPVYPQPPFSYSDLSREDKKQVQFVSEPCSLIN GVIFGLTSTDLLFHLGAEEISSSSGTSDRFSRILKHILTQRSYYPLYPQEDMAIDYESFYVYAQLPVT PDVLIIPSELRYFVKDVLGCVCVNPGRLTGQVGGTFARLYLRRPAADGAERQSPCIAVQVVRI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (84)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (91.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

POLA2 monoclonal antibody (M01), clone 2F11 Western Blot analysis of POLA2 expression in Hela (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged POLA2 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to POLA2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — POLA2

Entrez GeneID	23649
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GeneBank Accession#	BC001347
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Protein Accession#	AAH01347
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Gene Name	POLA2
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Gene Alias	FLJ21662, FLJ37250
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Gene Description	polymerase (DNA directed), alpha 2 (70kD subunit)
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Gene Ontology	Hyperlink
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Gene Summary	O
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Other Designations	polymerase (DNA-directed), alpha (70kD)
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Pathway

- [DNA replication](#)

- [Metabolic pathways](#)

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Kidney Failure](#)
- [Urinary Bladder Neoplasms](#)