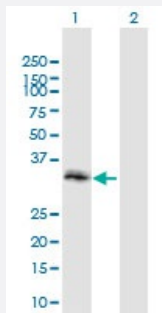


POLD4 monoclonal antibody (M10), clone 2C11

Catalog # H00057804-M10

Size 100 ug

Applications

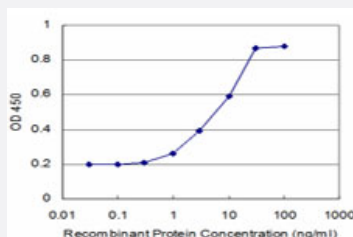


Western Blot (Transfected lysate)

Western Blot analysis of POLD4 expression in transfected 293T cell line by POLD4 monoclonal antibody (M10), clone 2C11.

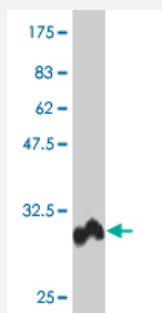
Lane 1: POLD4 transfected lysate (Predicted MW: 12.4 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged POLD4 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (29.48 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant POLD4.

Immunogen	POLD4 (AAH01334, 1 a.a. ~ 34 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGRKRLITDSYPVVKRREGPAGHSGELAPELGL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (29.48 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 (Transfected lysate)

Western Blot analysis of POLD4 expression in transfected 293T cell line by POLD4 monoclonal antibody (M10), clone 2C11.

Lane 1: POLD4 transfected lysate (Predicted MW: 12.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged POLD4 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — POLD4

Entrez GeneID	57804
GeneBank Accession#	BC001334
Protein Accession#	AAH01334
Gene Name	POLD4
Gene Alias	POLDS, p12
Gene Description	polymerase (DNA-directed), delta 4
Omim ID	611525
Gene Ontology	Hyperlink
Gene Summary	The DNA polymerase delta complex is involved in DNA replication and repair, and it consists of the proliferating cell nuclear antigen (PCNA; MIM 176740), the multisubunit replication factor C (see MIM 102579), and the 4 subunit polymerase complex: POLD1 (MIM 174761), POLD2 (MIM 600815), POLD3 (MIM 611415), and POLD4 (Liu and Warbrick, 2006 [PubMed 16934752]).[supplied by OMIM]
Other Designations	DNA polymerase delta smallest subunit p12

Pathway

- [Base excision repair](#)
- [DNA replication](#)
- [Homologous recombination](#)
- [Metabolic pathways](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)