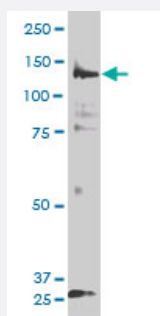


PIK3R4 monoclonal antibody (M01), clone 1D4

Catalog # H00030849-M01

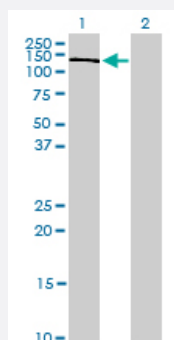
Size 100 ug

Applications



Western Blot (Cell lysate)

PIK3R4 monoclonal antibody (M01), clone 1D4 Western Blot analysis of PIK3R4 expression in HeLa (Cat # L013V1).

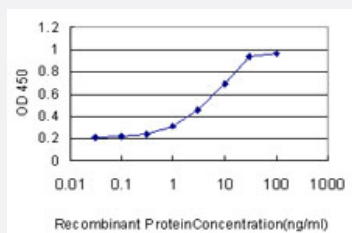


Western Blot (Transfected lysate)

Western Blot analysis of PIK3R4 expression in transfected 293T cell line by PIK3R4 monoclonal antibody (M01), clone 1D4.

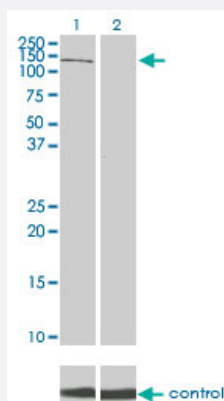
Lane 1: PIK3R4 transfected lysate(153.1 KDa).

Lane 2: Non-transfected lysate.



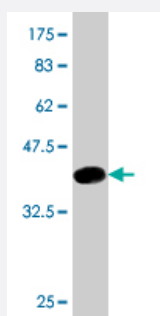
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIK3R4 is approximately 0.3ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of PIK3R4 over-expressed 293 cell line, cotransfected with PIK3R4 Validated Chimera RNAi (Cat # H00030849-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PIK3R4 monoclonal antibody (M01) clone 1D4 (Cat # H00030849-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PIK3R4.
Immunogen	PIK3R4 (NP_055417, 1259 a.a. ~ 1358 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AGSDMKIRFWDLAYPERSYVVAGSTSSPSVSYRKIIIEGTEVVQEIQNKQKVGPSDDTPRRGPES LPVGHHDIIITDVATFQTTQGFMTASRDGIVKVK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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)

PIK3R4 monoclonal antibody (M01), clone 1D4 Western Blot analysis of PIK3R4 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PIK3R4 expression in transfected 293T cell line by PIK3R4 monoclonal antibody (M01), clone 1D4.

Lane 1: PIK3R4 transfected lysate(153.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIK3R4 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PIK3R4 over-expressed 293 cell line, cotransfected with PIK3R4 Validated Chimera RNAi (Cat # H00030849-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PIK3R4 monoclonal antibody (M01) clone 1D4 (Cat # H00030849-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — PIK3R4

Entrez GeneID	30849
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GeneBank Accession#	NM_014602
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Protein Accession#	NP_055417
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Gene Name	PIK3R4
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Gene Alias	MGC102700, VPS15, p150
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Gene Description	phosphoinositide-3-kinase, regulatory subunit 4
Omim ID	602610
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	phosphatidylinositol 3-kinase-associated p150 phosphoinositide-3-kinase, regulatory subunit 4, p150

Pathway

- [Regulation of autophagy](#)