

PIK3R4 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant PIK3R4.

Catalog # AT3310a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q99570
Other Accession	NM_014602
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1B5
Calculated MW	153103

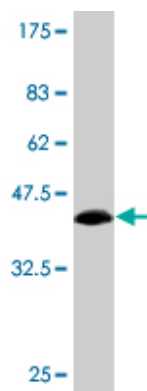
Additional Information

Gene ID	30849
Other Names	Phosphoinositide 3-kinase regulatory subunit 4, PI3-kinase regulatory subunit 4, PI3-kinase p150 subunit, Phosphoinositide 3-kinase adaptor protein, PIK3R4
Target/Specificity	PIK3R4 (NP_055417, 1259 a.a. ~ 1358 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PIK3R4 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

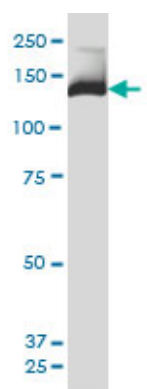
References

1. Insulin activation of vacuolar protein sorting 34 mediates localized phosphatidylinositol 3-phosphate production at lamellipodia and activation of mTOR/S6K1. Hirsch DS, Shen Y, Dokmanovic M, Yu J, Mohan N, Elzarrad MK, Wu WJ Cell Signal. 2014 Feb 27;26(6):1258-1268. doi: 10.1016/j.cellsig.2014.02.009. 2. Regulation of Mammalian Autophagy by Class II and III PI 3-Kinases through PI3P Synthesis. Devereaux KPLoS One. 2013 Oct 3;8(10):e76405. doi: 10.1371/journal.pone.0076405.

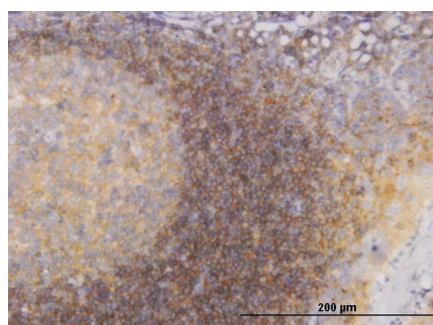
Images



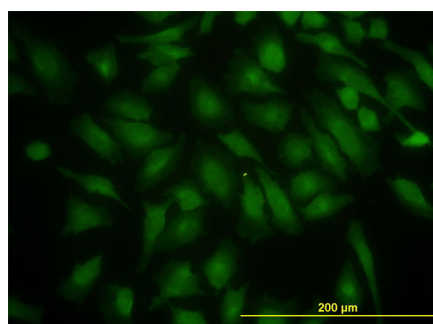
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



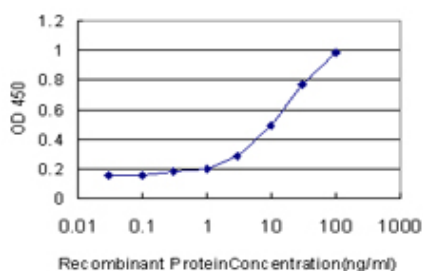
PIK3R4 monoclonal antibody (M02), clone 1B5 Western Blot analysis of PIK3R4 expression in HeLa (Cat # AT3310a)



Immunoperoxidase of monoclonal antibody to PIK3R4 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 0.6 ug/ml]



Immunofluorescence of monoclonal antibody to PIK3R4 on HeLa cell. [antibody concentration 10 ug/ml]



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.