

XPO5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant XPO5. Catalog # AT4552a

Product Information

Application WB, IF, IP, E **Primary Accession** Q9HAV4 **Other Accession** BC000129 Reactivity Human Host mouse Clonality monoclonal Isotype IgG1 Kappa **Clone Names** 2C5-1B3 Calculated MW 136311

Additional Information

Gene ID 57510

Other Names Exportin-5, Exp5, Ran-binding protein 21, XPO5, KIAA1291, RANBP21

Target/Specificity XPO5 (AAH00129, 1 a.a. ~ 280 a.a) full-length recombinant protein with GST

tag. MW of the GST tag alone is 26 KDa.

Dilution WB~~1:500~1000 IF~~1:50~200 IP~~N/A 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 XPO5 Antibody (monoclonal) (M01) is for research use only and not for use in

diagnostic or therapeutic procedures.

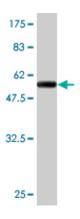
Background

Exportin-5 belongs to a large family of karyopherins (see MIM 602738) that mediate the transport of proteins and other cargo between the nuclear and cytoplasmic compartments.

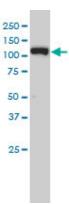
References

1.Knock-Down of Core Proteins Regulating MicroRNA Biogenesis Has No Effect on Sensitivity of Lung Cancer Cells to Ionizing Radiation.Surova O, Akbar NS, Zhivotovsky B.PLoS One. 2012;7(3):e33134. Epub 2012 Mar 30.2.MicroRNAs are expressed and processed by human primary macrophages.Luers AJ, Loudig OD, Berman JW.Cell Immunol. 2010 Mar 27. [Epub ahead of print]

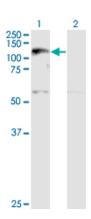
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (56.54 KDa) .

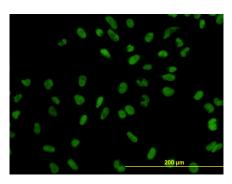


XPO5 monoclonal antibody (M01), clone 2C5-1B3 Western Blot analysis of XPO5 expression in Hela S3 NE ((Cat # AT4552a)



Western Blot analysis of XPO5 expression in transfected 293T cell line by XPO5 monoclonal antibody (M01), clone 2C5-1B3.

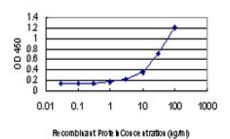
Lane 1: XPO5 transfected lysate(136.3 KDa). Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to XPO5 on HeLa cell. [antibody concentration 10 ug/ml]

Immunoprecipitation of XPO5 transfected lysate using anti-XPO5 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with XPO5 MaxPab rabbit polyclonal antibody.





Detection limit for recombinant GST tagged XPO5 is approximately 1ng/ml as a capture antibody.

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