10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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.

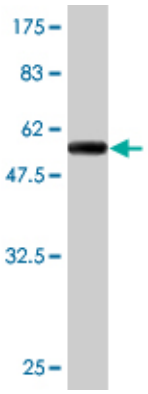
Background

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.

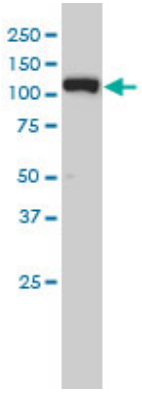
References

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]

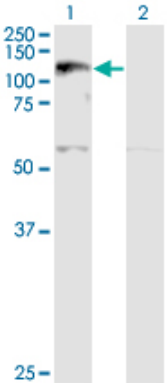
Images



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

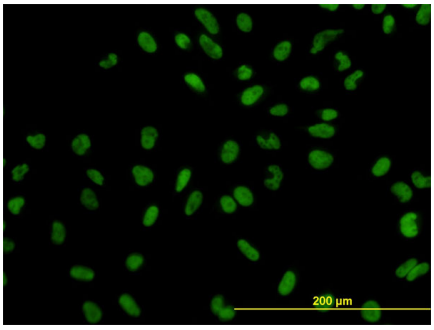


XPO5 monoclonal antibody (M01), clone 2C5-1B3 Western Blot analysis of XPO5 expression in Hela S3 NE ((Cat # AT4552a)



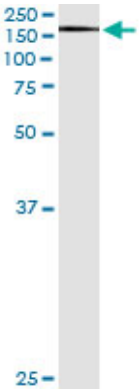
Western Blot analysis of XPO5 expression in transfected 293T cell line by XPO5 monoclonal antibody (M01), clone 2C5-1B3.

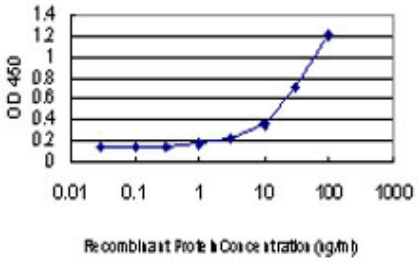
Lane 1: XPO5 transfected lysate(136.3 KDa).
Lane 2: Non-transfected lysate.



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'.