

KPNA2 Monoclonal antibody

Catalog Number: 66870-1-Ig

Basic Information

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| Catalog Number: 66870-1-Ig | GenBank Accession Number: BC005978 | Purification Method: Protein G purification |
| Size: 150ul , Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 3838 | CloneNo.: 2G9C1 |
| Source: Mouse | Full Name: karyopherin alpha 2 (RAG cohort 1, importin alpha 1) | Recommended Dilutions: WB 1:1000-1:5000 IF 1:400-1:1600 |
| Isotype: IgG1 | Calculated MW: 57.8 kDa | |
| Immunogen Catalog Number: AG28386 | Observed MW: 55-58 kDa | |

Applications

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| Tested Applications: IF, WB, ELISA | Positive Controls: |
| Species Specificity: Human | WB : HeLa cells, HEK-293 cells, MCF-7 cells, Jurkat cells, Raji cells IF : MCF-7 cells, |

Background Information

KPNA2 (karyopherin α2) is a nuclear import factor involved in the nucleocytoplasmic transport system. It is functionally involved in the tumor progression and is elevated in multiple cancers. KPNA2 expression may be a useful prognostic biomarker to monitor cancer prognosis.

Storage

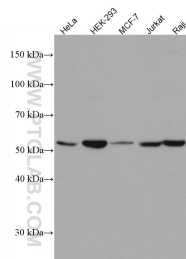
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

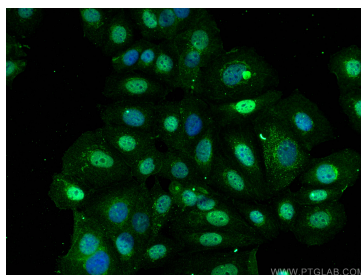
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66870-1-Ig (KPNA2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using KPNA2 antibody (66870-1-Ig, Clone: 2G9C1) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).