

## Exportin-5 Conjugated Antibody

Catalog No: #C49981



Package Size: #C49981-AF350 100ul #C49981-AF405 100ul #C49981-AF488 100ul

#C49981-AF555 100ul #C49981-AF594 100ul #C49981-AF647 100ul

#C49981-AF680 100ul #C49981-AF750 100ul #C49981-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Exportin-5 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Exportin-5 aa 1-200.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Exp 5 antibody   Exp5 antibody   Exportin 5 antibody   Exportin-5 antibody   Exportin5 antibody FLJ14239 antibody   FLJ32057 antibody   FLJ45606 antibody   KIAA1291 antibody OTTHUMP00000016472 antibody   Ran binding protein 21 antibody   Ran-binding protein 21 antibody Ranbp 21 antibody   Ranbp21 antibody   Xpo 5 antibody   xpo5 antibody   XPO5_HUMAN antibody
Accession No.	Swiss-Prot#:Q9HAV4
Uniprot	Q9HAV4
GeneID	57510;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	136 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

The karyopherin-related nuclear transport factor Exportin 5, also known as Exp5, preferentially recognizes and transports RNAs containing minihelix motifs, structural cis-acting export elements that comprise a double-stranded stem (14 nucleotides) with a base-paired 5' end and a 3-8-nucleotide protruding 3' end. Exportin 5 also mediates protein transport between the nuclear and cytoplasmic compartment. Exportin 5 belongs to a large family of karyopherins and stimulates nuclear export of dsRNA binding proteins eEF1A and tRNA.

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Note: This product is for in vitro research use only