



## Human KIF11 peptide (DAG-P0018)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a motor protein that belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the kinesin-like protein family. BimC subfamily. Contains 1 kinesin-motor domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">KIF11 kinesin family member 11 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KIF11
<b>Synonyms</b>	KIF11; kinesin family member 11; EG5; HKSP; KNSL1; MCLMR; TRIP5; kinesin-like protein KIF11; TRIP-5; kinesin-like protein 1; TR-interacting protein 5; kinesin-like spindle protein HKSP; kinesin-related motor protein Eg5; thyroid receptor-interacting protein 5;
<b>Entrez Gene ID</b>	<a href="#">3832</a>
<b>mRNA Refseq</b>	<a href="#">NM_004523.3</a>
<b>Protein Refseq</b>	<a href="#">NP_004514.2</a>

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<b>UniProt ID</b>	P52732
<b>Chromosome Location</b>	10q24.1
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Kinesins, organism-specific biosystem; MHC class II antigen presentation, organism-specific biosystem;
<b>Function</b>	ATP binding; microtubule binding; microtubule motor activity; protein complex binding; protein kinase binding;

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