



	Technical Data Sheet	
Product	<b>Anti-Kinesin Heavy Chain Purified</b>	
Cat. Number/Size	<b>11-390-C025</b>	<b>0.025 mg</b>
	<b>11-390-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	Kinesin Heavy Chain	
Clone	KN-02	
Format	Purified	
Reactivity	Pig, Human, Rat, Mouse	
Application	ICC	
Isotype	Mouse IgM	
Specificity	The antibody KN-02 recognizes heavy chain of conventional kinesin, a protein associated with intracellular vesicles, and with lower affinity with denaturated molecule. Epitope is located in coiled-coil stalk domain. It stains Western blots of kinesin-enriched preparations. Epitope mapping (by limited proteolysis of partially purified porcine kinesin) followed by immunoblotting has revealed that antibodies KN-01, KN-02 and KN-03 react with different sets of fragments. The antibody KN-02 does not react with kinesin bound to taxol-stabilized microtubules.	
Other names	KHC, KINHC, KIF5	
Immunogen	Enriched fraction of porcine brain kinesin.	
Concentration	1 mg/ml	
Preparation	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).	
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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