

Technical Data Sheet

Product	Anti-Kinesin Heavy Chain Purified	
Cat. Number/Size	11-390-C025	0.025 mg
	11-390-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

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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