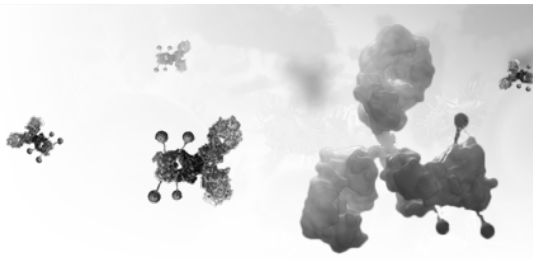

Mouse anti-Human KANK1 monoclonal antibody, clone 3C9 (CABT-B10487)

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

PRODUCT INFORMATION

Immunogen	ANKRD15 (AAH38116, 701 a.a. ~ 800 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3C9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MGSLNSQLISTLSSINSVMKSASTEELRNPDFQKTSLGKITGNYLGYTCKCGGLQSGSPL SSQTSQPEQEVGTSEGKPISSLDAFPTQEGTLSPVNLTDD
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene belongs to the Kank family of proteins, which contain multiple ankyrin repeat domains. This family member functions in cytoskeleton formation by regulating

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	actin polymerization. This gene is a candidate tumor suppressor for renal cell carcinoma. Mutations in this gene cause cerebral palsy spastic quadriplegic type 2, a central nervous system development disorder. A t(5;9) translocation results in fusion of the platelet-derived growth factor receptor beta gene (PDGFRB) on chromosome 5 with this gene in a myeloproliferative neoplasm featuring severe thrombocythemia. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 20. [provided by RefSeq, Dec 2014]
Keywords	KANK1; KN motif and ankyrin repeat domains 1; KANK; CPSQ2; ANKRD15; KN motif and ankyrin repeat domain-containing protein 1; kidney ankyrin repeat-containing protein; ankyrin repeat domain-containing protein 15;

GENE INFORMATION

Entrez Gene ID	23189
UniProt ID	Q14678

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