



# FASTKD2 Monoclonal Antibody

<b>Catalog No</b>	BYmab-00397
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	FASTKD2
<b>Protein Name</b>	FAST kinase domain-containing protein 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FAKD2. AA range:171-220
<b>Specificity</b>	FASTKD2 Monoclonal Antibody detects endogenous levels of FASTKD2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	FASTKD2; KIAA0971; FAST kinase domain-containing protein 2
<b>Observed Band</b>	81kD
<b>Cell Pathway</b>	Mitochondrion matrix, mitochondrion nucleoid . Mitochondrion matrix . Localizes to mitochondrial RNA granules found in close proximity to the mitochondrial nucleoids. .
<b>Tissue Specificity</b>	Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in heart, smooth muscle and thyroid.
<b>Function</b>	caution:It is uncertain whether Met-1 or Met-17 is the initiator.,similarity:Belongs to the FAST kinase family.,similarity:Contains 1 RAP domain.,
<b>Background</b>	This gene encodes a protein that is localized in the mitochondrial inner compartment and that may play a role in mitochondrial apoptosis. Nonsense mutations have been reported to result in cytochrome c oxidase deficiency. [provided by RefSeq, Oct 2008],

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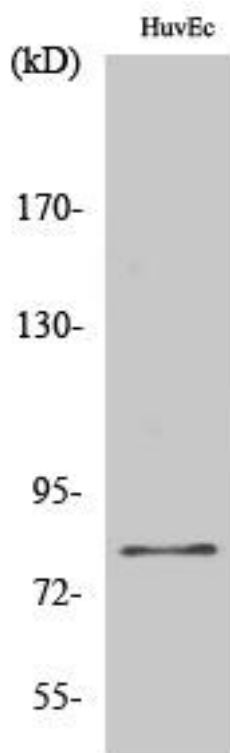
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using FASTKD2 Monoclonal Antibody