



# RUBIC mouse mAb

Catalog No	BYmab-08175
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	KIAA0226
Protein Name	RUBIC
Immunogen	Synthesized peptide derived from human RUBIC AA range: 868-918
Specificity	This antibody detects endogenous levels of RUBIC at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.290% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Run domain Beclin-1 interacting and cystein-rich containing protein (Rubicon) (Beclin-1 associated RUN domain containing protein) (Baron)
Observed Band	105kD
Cell Pathway	Late endosome . Lysosome . Early endosome . Predominantly located in late endosomes/lysosomes, only partially detected in early endosome and not at all in the Golgi apparatus.
Tissue Specificity	Blood,Bone marrow,Heart,Kidney,
Function	similarity:Contains 1 RUN domain.,
Background	The protein encoded by this gene is a negative regulator of autophagy and endocytic trafficking and controls endosome maturation. This protein contains two conserved domains, an N-terminal RUN domain and a C-terminal DUF4206 domain. The RUN domain is involved in Ras-like GTPase signaling, and the DUF4206 domain contains a diacylglycerol (DAG) binding-like motif. Mutation in this gene results in deletion of the DAG binding-like motif and causes a recessive ataxia. Alternatively spliced transcript variants encoding distinct isoforms have

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been found for this gene. [provided by RefSeq, Apr 2014],

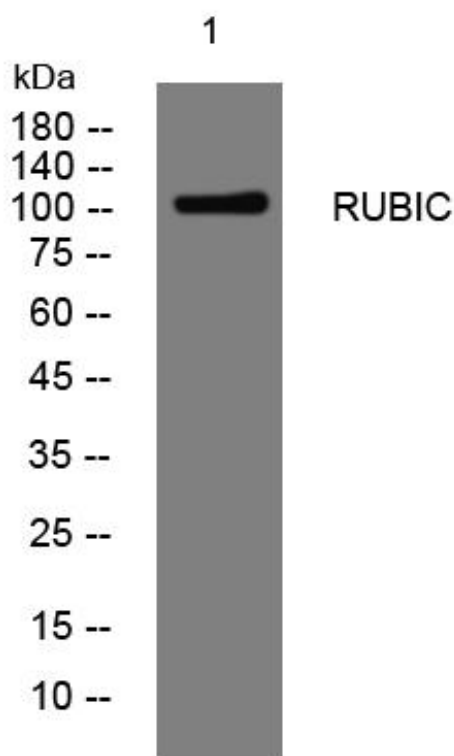
**matters needing attention**

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 RUBIC mouse mAb

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