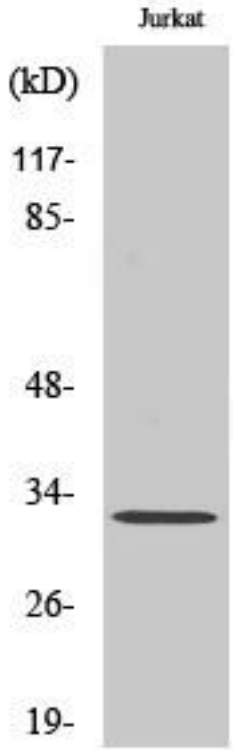
Neuralized-2 Monoclonal Antibody

Catalog No	BYmab-02716
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	NEURL2
Protein Name	Neuralized-like protein 2
Immunogen	The antiserum was produced against synthesized peptide derived from human NEURL2. AA range:99-148
Specificity	Neuralized-2 Monoclonal Antibody detects endogenous levels of Neuralized-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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	NEURL2; C20orf163; Neuralized-like protein 2
Observed Band	36kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed specifically in skeletal and cardiac muscles.
Function	domain:The SOCS domain mediates the interaction with TCEB1 and TCEB2, while the NHR domain may be involved in ubiquitination substrate binding.,function:Plays an important role in the process of myofiber differentiation and maturation. Probable substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of proteins. Probably contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. During myogenesis, controls the ubiquitination and degradation of the specific pool of CTNNB1/beta-catenin located at the sarcolemma.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 NHR (neuralized homology repeat)

	domain.,similarity:Contains 1 SOCS box domain.,subunit:Probable component the ECS(NEURL2) E3 ubiquitin-protein ligas
Background	This gene encodes a protein that is involved in the regulation of myofibril organization. This protein is likely the adaptor component of the E3 ubiquitin ligase complex in striated muscle, and it regulates the ubiquitin-mediated degradation of beta-catenin during myogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2013],
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 Neuralized-2 Monoclonal Antibody