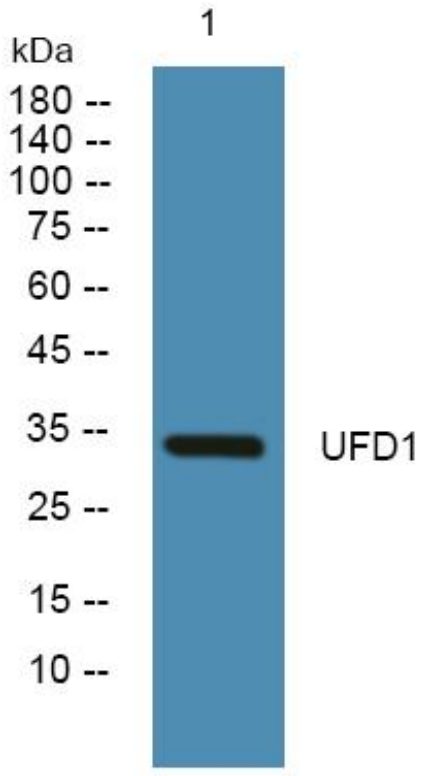
UFD1 Monoclonal Antibody

Catalog No	BYmab-06350
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	UFD1L
Protein Name	Ubiquitin fusion degradation protein 1 homolog (UB fusion protein 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UFD1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	33kD
Cell Pathway	Nucleus . Cytoplasm, cytosol .
Tissue Specificity	Found in adult heart, skeletal muscle and pancreas, and in fetal liver and kidney.
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,disease:UFD1L gene hemizygosity is the cause of some of the catch 22-associated developmental defects whose notable examples are the DiGeorge syndrome (DGS), the velo-cardio-facial syndrome (VCFS) and the Opitz G/BBB syndrome.,function:Essential component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. The ternary complex containing UFD1L, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1L-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope. It may be involved in the development of

	some ectoderm-derived stru
Background	The protein encoded by this gene forms a complex with two other proteins, nuclear protein localization-4 and valosin-containing protein, and this complex is necessary for the degradation of ubiquitinated proteins. In addition, this complex controls the disassembly of the mitotic spindle and the formation of a closed nuclear envelope after mitosis. Mutations in this gene have been associated with Catch 22 syndrome as well as cardiac and craniofacial defects. Alternative splicing results in multiple transcript variants encoding different isoforms. A related pseudogene has been identified on chromosome 18. [provided by RefSeq, Jun 2009],
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 UFD1 Monoclonal Antibody