10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

UBL5 Antibody(Ascites)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2024a

Specification

UBL5 Antibody(Ascites) - Product Information

Application	**WB,E**
Primary Accession	Q9BZL1
Other Accession	Q9EPV8, Q3T0Z3, NP_001041706.1, NP_077268.1
Reactivity	**Human, Mouse**
Predicted	**Bovine**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**

UBL5 Antibody(Ascites) - Additional Information

Gene ID 59286

Other Names
Ubiquitin-like protein 5, UBL5

Target/Specificity
Purified His-tagged UBL5 protein was used to produced this monoclonal antibody.

Dilution
WB~~1:500~8000

Format
Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
UBL5 Antibody(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

UBL5 Antibody(Ascites) - Protein Information

Name UBL5

Function Ubiquitin-like protein that plays a role in cell proliferation and sister chromatid cohesion by associating with spliceosomal proteins (PubMed:25092792). Participates thereby in pre- mRNA splicing by maintaining spliceosome integrity. Promotes the functional integrity of the Fanconi anemia DNA repair pathway by interacting with FANCI component and subsequently mediating the

formation of FANCI homodimers (PubMed:25862789). Plays also a protective role against ER stress-induced apoptosis (PubMed:37315790).

Cellular Location
Cytoplasm. Nucleus. Nucleus, Cajal body

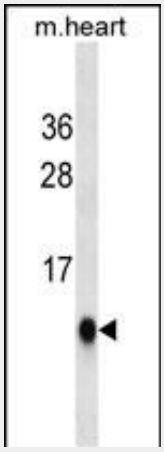
Tissue Location
Ubiquitous. Highest level of expression in heart, skeletal muscle, kidney, liver, iris and lymphoblasts

UBL5 Antibody(Ascites) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UBL5 Antibody(Ascites) - Images



UBL5 Antibody (Cat. #AM2024a) western blot analysis in mouse heart tissue lysates (35µg/lane).This demonstrates the UBL5 antibody detected the UBL5 protein (arrow).

UBL5 Antibody(Ascites) - Background

Ubiquitin-like proteins (UBLs) are thought to be reversible modulators of protein function rather than protein degraders like ubiquitin (MIM 191339).

UBL5 Antibody(Ascites) - References

de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)
Sentinelli, F., et al. J. Pediatr. Endocrinol. Metab. 21(12):1139-1145(2008)
Bozaoglu, K., et al. Hum. Biol. 78(2):147-159(2006)
Wilkinson, C.R., et al. Curr. Biol. 14(24):2283-2288(2004)

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