

Datasheet: 9400-1004

Description:	MOUSE ANTI BOVINE UBIQUITIN
Specificity:	UBIQUITIN
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	Ubi-1 (242.9)
Isotype:	IgG1
Quantity:	0.1 ml

Product Details

RRID AB_619963

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen	■			1/250 - 1/1000
Immunohistology - Paraffin	■			1/250 - 1/1000
ELISA			■	
Western Blotting	■			1/250 - 1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Bovine

Species Cross Reactivity

Reacts with: Human, Mouse, Rat
Based on sequence similarity, is expected to react with: Chicken, Drosophila
N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.06% Sodium Azide (NaN₃)

Immunogen

Purified ubiquitin (Bovine RBC) conjugated to Keyhole Limpet Haemocyanin.

External Database Links

UniProt:

[P62990](http://www.uniprot.org/entry/P62990)

[Related reagents](#)

Specificity **Mouse anti bovine ubiquitin antibody, clone Ubi-1** is specific for ubiquitin an 8.5 kDa, 76 amino acid protein, highly conserved in eukaryotes. Clone Ubi-1 shows staining of tangle material in Alzheimer affected brain, and also stains other pathological inclusions such as Lewy bodies (in Parkinson's disease) and Pick bodies (in Pick's disease).

Histology Positive Control Tissue Alzheimers' diseased brain

References

1. Meyer, E.M. *et al.* (1986) Antibodies directed against ubiquitin inhibit high affinity [3H]choline uptake in rat cerebral cortical synaptosomes. [J Biol Chem. 261 \(31\): 14365-8.](#)
2. Perry, G. *et al.* (1987) Ubiquitin is detected in neurofibrillary tangles and senile plaque neurites of Alzheimer disease brains. [Proc Natl Acad Sci U S A. 84 \(9\): 3033-6.](#)
3. Shaw, G. & Chau, V. (1988) Ubiquitin and microtubule-associated protein tau immunoreactivity each define distinct structures with differing distributions and solubility properties in Alzheimer brain. [Proc Natl Acad Sci U S A. 85 \(8\): 2854-8.](#)

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10483 available at:
10483: <https://www.bio-rad-antibodies.com/uploads/MSDS/10483.pdf>

Regulatory For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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