

## Product Datasheet

### beta Actin antibody (orb420224)

**Description**

beta Actin antibody

**Species/Host**

Mouse

**Reactivity**

Human, Mouse, Rat

**Conjugation**

Unconjugated

**Tested**

ELISA, IHC, WB

**Applications**
**Immunogen**

Anti-beta Actin (MOUSE) Monoclonal Antibody was produced in mouse by repeated immunizations with  $\beta$ -Actin peptide near the N-Terminus followed by hybridoma development.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store Anti-Beta Actin at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

Anti-beta Actin antibody has been tested for use in ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user.

**Isotype**

IgG2a

**Clonality**

Monoclonal

**Purity**

Anti-beta Actin was purified from mouse ascites by Protein A chromatography followed by extensive dialysis against the buffer stated above. beta Actin antibody is specific for human and mouse  $\beta$  Actin protein. Expected to cross-react with a wide range of species due to sequence homology (human, mouse, rat, swine). A BLAST analysis was used to suggest that this antibody would react with beta Actin from a wide range of organisms, including most vertebrates. Cross-reactivity with other sources has not been determined.

**Uniprot ID**
**P60709**

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive&lt;br&gt;Research Triangle Park&lt;br&gt;Durham, North Carolina&lt;br&gt;27709, United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

**Expiration Date**

12 months from date of receipt.