# Product Datasheet

## Actin (Muscle Specific) Antibody (HHF35) [PE]
## NBP2-34634PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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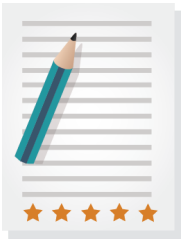

# NBP2-34634PE

Actin (Muscle Specific) Antibody (HHF35) [PE]

| Product Information | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Monoclonal |
| **Clone** | HHF35 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG1 Kappa |
| **Conjugate** | PE |
| **Purity** | Protein A or G purified |
| **Buffer** | PBS |

| Product Description | |
|---|---|
| **Description** | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| **Host** | Mouse |
| **Gene ID** | 58 |
| **Gene Symbol** | ACTA1 |
| **Species** | Human, Mouse, Rat, Canine, Chicken, Feline, Rabbit |
| **Marker** | Muscle Cell Marker |
| **Specificity/Sensitivity** | This antibody recognizes actin of skeletal, cardiac, and smooth muscle cells. It is not reactive with other mesenchymal cells except for myoepithelium. Actin can be resolved on the basis of its isoelectric points into three distinctive components: alpha, beta, and gamma in order of increasing isoelectric point. Anti-muscle specific actin recognizes alpha and gamma isotypes of all muscle groups. Non-muscle cells such as vascular endothelial cells and connective tissues are non-reactive. Also, neoplastic cells of non-muscle-derived tissue such as carcinomas, melanomas, and lymphomas are negative. It stains tumors of smooth muscle (leiomyomas and leiomyosarcomas) as well as skeletal muscle (rhabdomyomas and rhabdomyosarcomas). |
| **Immunogen** | SDS extract of human myocardium. |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| **Recommended Dilutions** | Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |

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## Products Related to NBP2-34634PE

| | |
|---|---|
| NBP1-43319PE-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [PE] |
| 664-LI-025 | LIGHT/TNFSF14 [Unconjugated] |
| NB300-223 | Vimentin Antibody |
| NB100-56503 | Cytochrome c Antibody (7H8.2C12) - BSA Free |

**Limitations**
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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