

Product Datasheet

Alpha actin 1 Antibody (orb1821583)

Description

Alpha actin 1 Antibody

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, IHC-P

Applications
Immunogen

The original antibody was generated by immunizing BALB/c mice with a recombinant human actin protein.

Target

Alpha actin 1

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

This antibody is highly similar to the commercially available anti-actin antibody HHF35. This antibody can be used in the immunohistochemical staining of smooth fibroids. This antibody can be used in the identification of actin from various tissues including brain, heart, cerebellum, esophageal, adrenal, stomach, ovaries, small intestines, pancreatic, colorectal, parathyroid, liver, pituitary, salivary gland, testicular, kidney, thyroid, prostate, breast, uterus, spleen, bladder, tonsil, skeletal muscle, thymus (young children), skin, bone marrow, peripheral nerve, lung, melanoma cells. The binding specificity of this antibody towards actin was determined using ELISA. The original IgG2b antibody binds actin with an affinity constant of $6.26 \times 10^9 \text{ M}^{-1}$ (CN113817055).

Isotype

IgG2b

Clonality

Monoclonal

Uniprot ID
P68133
Expiration Date

12 months from date of receipt.