

Datasheet for ABIN7174974

anti-Myosin XV (MYO15) (AA 237-451) antibody[Go to Product page](#)**1** Image

Overview

| | |
|----------------------|--------------------------------|
| Quantity: | 100 µL |
| Target: | Myosin XV (MYO15) |
| Binding Specificity: | AA 237-451 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | Un-conjugated |
| Application: | ELISA, Immunofluorescence (IF) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Unconventional myosin-XV protein (237-451AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | Myosin XV (MYO15) |
| Alternative Name: | MYO15A (MYO15 Products) |
| Background: | Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to |

Target Details

membranous compartments, which would be moved relative to actin filaments. Required for the arrangement of stereocilia in mature hair bundles (By similarity).

Aliases: DFNB3 antibody, MYO15 antibody, MYO15_HUMAN antibody, MYO15A antibody, Myosin XV antibody, Myosin XVA antibody, Unconventional myosin 15 antibody, Unconventional myosin XV antibody, Unconventional myosin-15 antibody, Unconventional myosin-XV antibody

UniProt: [Q9UKN7](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Recommended dilution: IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

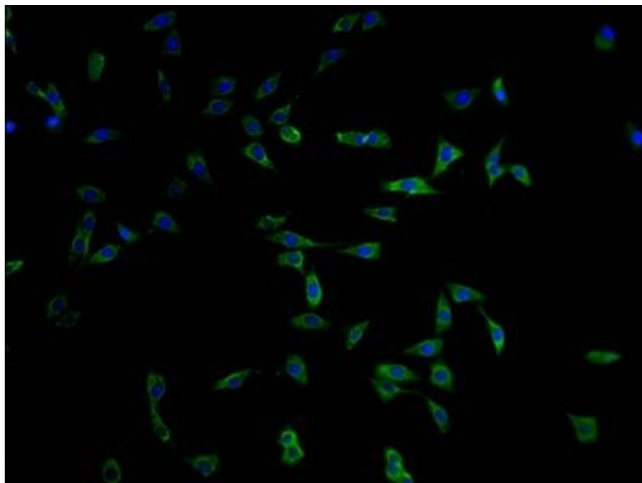
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of MCF-7 cells with ABIN7174974 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).