

Datasheet for ABIN126735

**anti-CDH15 antibody (Extracellular Domain)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Quantity:            | 0.1 mg                                                                   |
| Target:              | CDH15                                                                    |
| Binding Specificity: | Extracellular Domain                                                     |
| Reactivity:          | Mouse                                                                    |
| Host:                | Mouse                                                                    |
| Clonality:           | Monoclonal                                                               |
| Conjugate:           | This CDH15 antibody is un-conjugated                                     |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA) |

## Product Details

|                  |                                                                                    |
|------------------|------------------------------------------------------------------------------------|
| Immunogen:       | Recombinant extracellular domain of murine M-cadherin                              |
| Clone:           | 12G4                                                                               |
| Isotype:         | IgG1                                                                               |
| Characteristics: | Synonyms: Muscle cadherin, Cadherin-14, CDH15, CDH14, CDH3, Cadherin M, M-Cadherin |
| Purification:    | Subsequent Thiophilic Adsorption and Size Exclusion Chromatography.                |

## Target Details

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Target:           | CDH15                                                                                  |
| Alternative Name: | Cadherin-15 ( <a href="#">CDH15 Products</a> )                                         |
| Background:       | Cadherins are a family of transmembrane glycoproteins that play a key role in calcium- |

## Target Details

dependent cell-cell adhesion. Several members of the cadherin family have been identified so far, including E- (epithelial), P- (placental), N- (neuronal), and M- (muscle) cadherin. M-cadherin is expressed in myoblasts and might be involved in skeletal muscle cell differentiation. Synonyms: CDH14, CDH15, CDH3, Cadherin M, Cadherin-14, M-Cadherin, Muscle cadherin

Molecular Weight: 130 kDa

UniProt: [P33146](#)

## Application Details

Application Notes: Western Blot: 0.5 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer. ELISA: 0.05 µg/mL. Immunocytochemistry: 5 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Reconstitution: Restore with 1 mL H<sub>2</sub>O (15 min, RT).

Buffer: 1 mL 2 x PBS containing 0.09 % Sodium Azide, PEG and Sucrose.

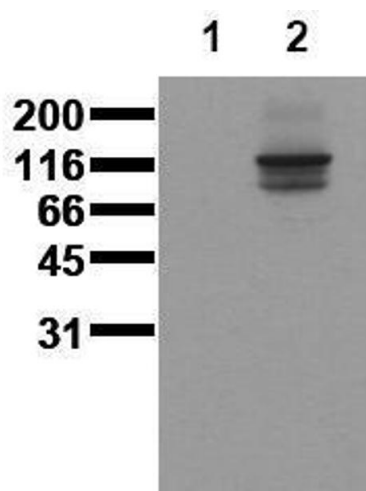
Preservative: Sodium azide

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

Storage: -20 °C/-80 °C

Storage Comment: Store lyophilized (preferably in a desiccator) at -20 °C and reconstituted (aliquote and freeze in liquid nitrogen) at -80 °C. Avoid repeated freezing and thawing. Thaw aliquots at 37 °C. Thawed aliquots may be stored at 4 °C up to 3 months. Shelf life: one year from despatch.

Expiry Date: 12 months



Western Blotting

Image 1.