

## Datasheet for ABIN7604626

### **anti-DDR2 antibody**



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#### Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 100 µL                              |
| Target:      | DDR2                                |
| Reactivity:  | Human, Mouse, Rat                   |
| Host:        | Rabbit                              |
| Clonality:   | Monoclonal                          |
| Conjugate:   | This DDR2 antibody is un-conjugated |
| Application: | Western Blotting (WB)               |

#### Product Details

|                  |                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Anti-DDR2 Monoclonal Antibody                                                                                                                                                               |
| Immunogen:       | A synthesized peptide derived from human DDR2 This tyrosine kinase receptor for fibrillar collagen mediates fibroblast migration and proliferation. Contributes to cutaneous wound healing. |
| Clone:           | ACEB-4                                                                                                                                                                                      |
| Isotype:         | IgG                                                                                                                                                                                         |
| Characteristics: | Anti-DDR2 Monoclonal Antibody (ABIN7604626). Tested in WB application. This antibody reacts with Human, Mouse, Rat.                                                                         |
| Purification:    | Affinity-chromatography                                                                                                                                                                     |

#### Target Details

|         |      |
|---------|------|
| Target: | DDR2 |
|---------|------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | DDR2 ( <a href="#">DDR2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Background:       | <p>Synonyms: Myosin light chain kinase, smooth muscle,MLCK,s mMLCK,2.7.11.18,Kinase-related protein,KRP,Telokin,Myosin light chain kinase, smooth muscle, deglutamylated form,MYLK,MLCK, MLCK1, MYLK1,</p> <p>Tissue Specificity: Smooth muscle and non-muscle isozymes are expressed in a wide variety of adult and fetal tissues and in cultured endothelium with qualitative expression appearing to be neither tissue- nor development-specific. Non-muscle isoform 2 is the dominant splice variant expressed in various tissues. Telokin has been found in a wide variety of adult and fetal tissues. Accumulates in well differentiated enterocytes of the intestinal epithelium in response to tumor necrosis factor (TNF). .</p> |
| UniProt:          | <a href="#">Q16832</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pathways:         | <a href="#">RTK Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | WB 1:500-1:2000       |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                     |
| Reconstitution:    | Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL                                                           |
| Concentration:     | Lot specific                                                                                                                               |
| Buffer:            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.                    |
| 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:           | 4 °C,-20 °C                                                                                                                                |
| Storage Comment:   | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |