

## Datasheet for ABIN5693030 **anti-MYLK antibody**

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### Overview

|              |                                                                                                                                 |
|--------------|---------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                          |
| Target:      | MYLK                                                                                                                            |
| Reactivity:  | Human, Mouse, Rat                                                                                                               |
| Host:        | Rabbit                                                                                                                          |
| Clonality:   | Monoclonal                                                                                                                      |
| Conjugate:   | This MYLK antibody is un-conjugated                                                                                             |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC),<br>Immunofluorescence (IF), Flow Cytometry (FACS) |

### Product Details

|                  |                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Anti-Myosin light chain kinase MYLK Rabbit Monoclonal Antibody                                                                                                                     |
| Immunogen:       | A synthesized peptide derived from human Myosin light chain kinase                                                                                                                 |
| Clone:           | G-13                                                                                                                                                                               |
| Isotype:         | IgG                                                                                                                                                                                |
| Characteristics: | Anti-Myosin light chain kinase MYLK Rabbit Monoclonal Antibody (ABIN5693030). Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |
| Purification:    | Affinity-chromatography                                                                                                                                                            |

### Target Details

|         |      |
|---------|------|
| Target: | MYLK |
|---------|------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | MYLK ( <a href="#">MYLK 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="#">Q15746</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Application Details

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Application Notes: | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:50 |
| 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. |