

## Anti-CD48 Antibody-FITC (7X575)

## Product Details

|               |            |
|---------------|------------|
| Ig Type:      | Rabbit IgG |
| Reactivity:   | Rat        |
| Conjugation:  | FITC       |
| Clone:        | 7X575      |
| Purification: | Protein A  |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | Flow cytometric analysis of Rat CD48 expression on rat splenocytes. SD splenocytes were stained with FITC-conjugated anti-Rat CD48. The histogram were derived from gated events with the forward and side light-scatter characteristics of intact cells. |
| Application:       | FCM   |
| Recommended        | 10 µl/Test, 0.1 mg/ml   |

## Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal. |
| Shipping:            | Shipping with blue ice.  |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | Recombinant Protein: Rat CD48 / SLAMF2 protein (TMPY-03089)        |
| Antigen Species: | Rat  |
| Synonyms:        | hCD48;BCM1;BLAST1;CD48 molecule;Blast-1;SLAMF2;BLAST;mCD48;MEM-102 |
| Biology Area:    | Cancer Drug Targets  |

## Research Background

Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses. Cancer Immunotherapy Co-inhibitory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: ICC Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Detection: IP Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481