

Datasheet for ABIN7540470  
**anti-TACSTD2 antibody (PE)**



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## Overview

|              |                                           |
|--------------|-------------------------------------------|
| Quantity:    | 100 tests                                 |
| Target:      | TACSTD2                                   |
| Reactivity:  | Human, Pig                                |
| Host:        | Mouse                                     |
| Clonality:   | Monoclonal                                |
| Conjugate:   | This TACSTD2 antibody is conjugated to PE |
| Application: | Flow Cytometry (FACS)                     |

## Product Details

|                      |                                                                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:             | Anti-Hu TROP2 PE                                                                                                                                                                          |
| Immunogen:           | TROP2-transfected CHO cells                                                                                                                                                               |
| Clone:               | TrMab-6                                                                                                                                                                                   |
| Isotype:             | IgG2b kappa                                                                                                                                                                               |
| Specificity:         | The mouse monoclonal antibody TrMab-6 recognizes an extracellular epitope of TROP2, a type I transmembrane glycoprotein. This antibody is useful for detection of TROP2 in breast cancer. |
| No Cross-Reactivity: | Mouse                                                                                                                                                                                     |
| Purification:        | Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions.<br>Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.          |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TACSTD2                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative Name: | TROP2 ( <a href="#">TACSTD2 Products</a> )                                                                                                                                                                                                                                                                                                                                        |
| Background:       | <p>NCBI Full Gene Name: tumor associated calcium signal transducer 2</p> <p>Description: TROP2 is a cell surface receptor that transduces calcium signals. It belongs to carcinoma-associated antigens. Mutations of TROP2 have been associated with gelatinous drop-like corneal dystrophy.</p> <p>Other names: TACSTD2, EGP1, GP50, M1S1, GA733-1</p> <p>Gene name: TACSTD2</p> |
| Gene ID:          | 4070                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt:          | <a href="#">P09758</a>                                                                                                                                                                                                                                                                                                                                                            |

## Application Details

|                    |                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                     |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide                                                |
| 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                                                                                                                   |
| Storage Comment:   | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.                                               |