

## Datasheet for ABIN120516 **anti-TNFRSF4 antibody**



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### Overview

|              |                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------|
| Quantity:    | 0.1 mg                                                                                              |
| Target:      | TNFRSF4                                                                                             |
| Reactivity:  | Rat                                                                                                 |
| Host:        | Mouse                                                                                               |
| Clonality:   | Monoclonal                                                                                          |
| Conjugate:   | This TNFRSF4 antibody is un-conjugated                                                              |
| Application: | Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|               |                                                                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Phytohemagglutinin (PHA) activated Rat Lymph Node Cells. Spleen cells from immunised BALB/c mice were fused with cells from the NS0/1 Ag4.1 mouse myeloma cell line.               |
| Clone:        | OX-40                                                                                                                                                                              |
| Isotype:      | IgG2b                                                                                                                                                                              |
| Specificity:  | This antibody recognises the OX40 antigen which is present on activated T lymphocytes that also express CD4. Clone OX-40 is not mitogenic, but does enhance some T cell responses. |
| Purification: | Affinity chromatography on Protein G                                                                                                                                               |

### Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Target:           | TNFRSF4                                              |
| Alternative Name: | CD134 / TNFRSF4 ( <a href="#">TNFRSF4 Products</a> ) |

## Target Details

|                 |                                                                                                                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:     | The antigen is a glycoprotein of approximately 50kD molecular weight which is related in sequence to the low affinity Nerve Growth Factor Receptor.Synonyms: ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, TNFRSF4, TXGP1L, Tumor necrosis factor receptor superfamily member 4 |
| Gene ID:        | 25572                                                                                                                                                                                                                                                                                                                     |
| NCBI Accession: | <a href="#">NP_037181</a>                                                                                                                                                                                                                                                                                                 |
| UniProt:        | <a href="#">P15725</a>                                                                                                                                                                                                                                                                                                    |
| Pathways:       | <a href="#">Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints</a>                                                                                                                                                                                                                            |

## Application Details

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Flow cytometry: 1/10 - 1/50, Use 10 µL of the suggested working dilution to label 10 <sup>6</sup> cells in 100 µL. Immunoprecipitation. Immunohistochemistry on frozen sections.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                     |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 1.0 mg/mL                                                                                                              |
| Buffer:            | PBS, pH 7.4 containing 0.09 % 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. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.                            |