



Catalog: OM642144

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# Anti-TNFRceptorII antibody

Catalog: OM642144

☐ 20ul ☐ 50ul ☐ 100 ul

## Product profile

|               |                            |
|---------------|----------------------------|
| Product name  | Anti-TNFRceptorII antibody |
| Antibody Type | Primary Antibodies         |
| Immunogen     | Polypeptide                |
| Modification  | Unmodification             |

## Key Feature

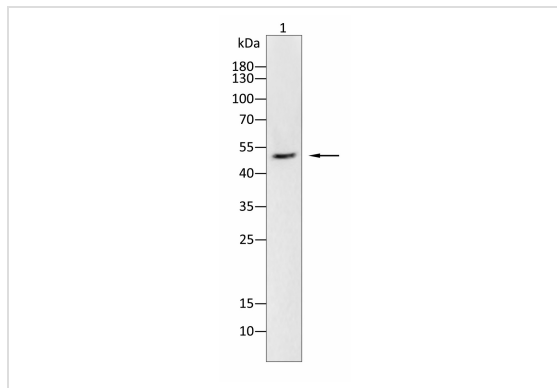
|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
| Clonality          | polyclonal                                                                                            |
| Isotype            | IgG                                                                                                   |
| Host Species       | Rabbit                                                                                                |
| Tested Application | <div>ELISA ICC/IF IHC WB</div> <div>WB:1:200-1:2000<br/>IHC:1:200-1:1000<br/>ICC/IF:1:100-1:500</div> |
| Species Reactivity | <div>Human Mouse Rat</div>                                                                            |
| Concentration      | 1mg/ml                                                                                                |
| Purification       | Protein A                                                                                             |

## Target Information

|                |                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------|
| Gene Symbol    | TNFRSF1B                                                                                                           |
| Gene Synonyms  | <div>p75<br/>TBPII<br/>TNFBR<br/>TNFR2<br/>CD120b<br/>TNFR1B<br/>TNFR80<br/>TNF-R75<br/>p75TNFR<br/>TNF-R-II</div> |
| Gene Full Name | signal transducer and activator of transcription 3                                                                 |
| Gene Summary   | signal transducer and activator of transcription 3                                                                 |

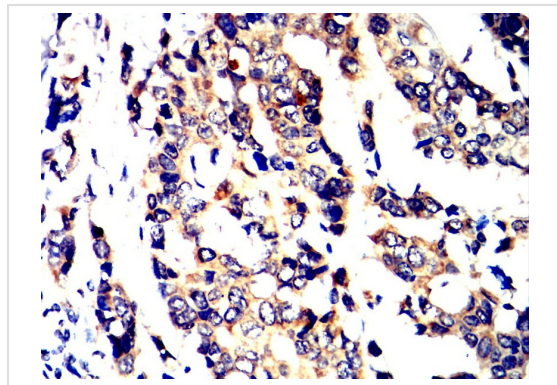
|                              |                        |
|------------------------------|------------------------|
| <b>Molecular Weight(MW)</b>  | 48 kDa                 |
| <b>Source</b>                | Rabbit                 |
| <b>Cellular Localization</b> | Cell membrane,Secreted |

## Application



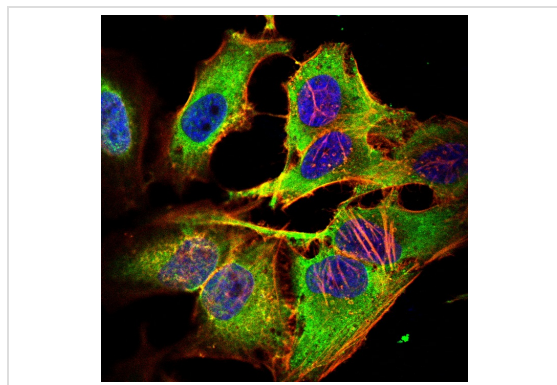
### WB

Western blot analysis using TNFReceptorII antibody against NIH/3T3(1) cell lysate. 12% SDS-PAGE gel. Sample loading: 20µg /lane. Transfer the proteins onto a PVDF membrane ([OM790003](#)), and block it with TBST ([OM750016](#)) plus skimmed milk powder for one hour. Dilute the primary antibody with the antibody diluent ([OM750012](#)) at a ratio of 1:1000, and incubate it overnight at 4°C. Wash the membrane three times with TBST ([OM750016](#)), 5 minutes each time. At room temperature, dilute the secondary antibody, Goat Anti-Rabbit IgG(H&L)-HRP ([OM643487](#)), at a ratio of 1:20000 and incubate for one hour. Wash the membrane three times with TBST ([OM750016](#)) again, 5 minutes each time. Use ECL ([OM625701](#)) for luminescence.staining time: 60S.



### IHC

Immunohistochemical analysis of paraffin-embedded breast cancer tissues using TNFReceptorII antibody with DAB staining.Pre-treat the sections with heat-mediated antigen retrieval using sodium citrate buffer (pH 6.0) ([OM750020](#)) for 2 minutes. Wash the sections with ddH<sub>2</sub>O and PBS ([OM750003](#)). Block the tissue with 10% non-immune goat serum([OM760028](#)) at room temperature for 30 minutes. Incubate the tissue with the primary antibody diluted at a ratio of 1:1500 at 4°C overnight. At room temperature, dilute the secondary antibody, Goat Anti-Rabbit IgG(H&L)-HRP ([OM643487](#)), at a ratio of 1:200 and incubate for one hour. Use DAB([OM760029](#))as the chromogenic agent. Counterstain the tissue with hematoxylin, and mount the tissue sections with neutral gum.



### ICC/IF

Immunofluorescence analysis of HeLa cells using TNFReceptorII antibody (green). Blue: DAPI fluorescent DNA dye. Red: Actin filaments have been labeled with Omnimabs® 594-Phalloidin.Cells are fixed in 4% paraformaldehyde at room temperature for 20 minutes. Then, they are permeabilized with a PBS ([OM750003](#)) solution containing 0.1% Triton X-100([OM750021](#)) at room temperature for 15 minutes. Subsequently, the cells are blocked with 10% non - immune goat serum([OM760028](#)) at room temperature for 1 hour.The cells are incubated overnight at 4°C with the primary antibody diluted 1:100 in PBS. The secondary antibody, Omnimabs® 488 Goat Ant-Rabbit IgG(H&L) (Green,[OM643486](#)), is diluted at a ratio of 1:400 and incubated with the cells for 1 hour.Nuclear DNA is labeled with DAPI (Blue,[OM643160](#)). F-actin is stained with Omnimabs® 594-Phalloidin (Red,[OM750007](#)) diluted 1:100 for 30 minutes.

|                          |                            |
|--------------------------|----------------------------|
| <b>Application Notes</b> | <b>WB:</b> 1:200-1:2000    |
|                          | <b>IHC:</b> 1:200-1:1000   |
|                          | <b>ICC/IF:</b> 1:100-1:500 |

## Additional Information

|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Form</b>                 | Liquid                                                                                                     |
| <b>Storage Instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage Buffer</b>       | Purified antibody in PBS with 0.05% sodium azide.                                                          |

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt

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