

## Product Datasheet

### TGFB1 Rabbit Polyclonal Antibody (orb576457)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb576457  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Rabbit polyclonal antibody to TGF beta 1   |
| <b>Target</b>               | TGFB1  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Rabbit   |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human, Mouse   |
| <b>Predicted Reactivity</b> | Bovine, Canine, Equine, Goat, Guinea pig, Porcine, Rat, Sheep  |
| <b>Form/Appearance</b>      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.            |
| <b>Concentration</b>        | 0.5 mg/ml  |
| <b>Buffer/Preservatives</b> | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.            |
| <b>Purification</b>         | Affinity Purified  |
| <b>Immunogen</b>            | The immunogen is a synthetic peptide directed towards the middle region of mouse TGFB1                       |
| <b>Protein Sequence</b>     | Synthetic peptide located within the following region:<br>DTPEWLSFDVTGVVRQWLNQGDGIQGFRFSAHCSCDSKDNKLHVEINGIS |
| <b>UniProt ID</b>           | <b>P04202</b>  |

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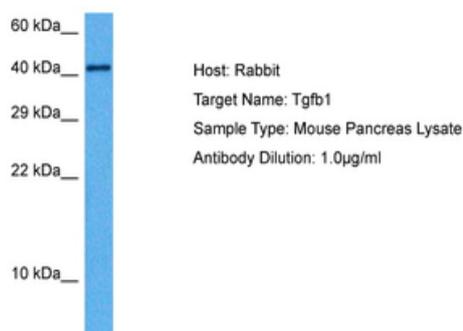
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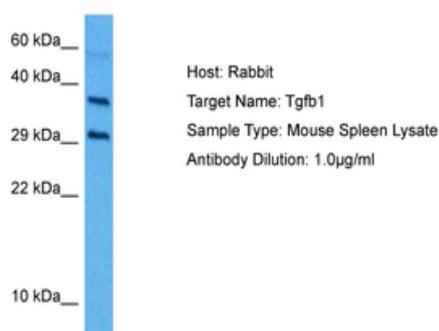
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|                            |   |
|----------------------------|---|
| <b>MW</b>                  | 43kDa   |
| <b>Tested applications</b> | IF, IHC, WB   |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only   |
| <b>NCBI</b>                | <a href="#">NP_035707</a>   |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |



Sample Tissue: Mouse Pancreas, Antibody Dilution: 1 ug/ml.



Sample Tissue: Mouse Spleen, Antibody Dilution: 1 ug/ml.

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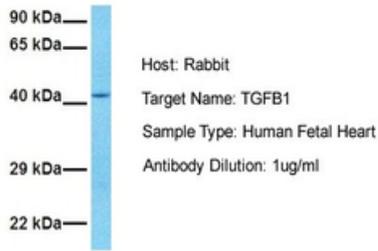
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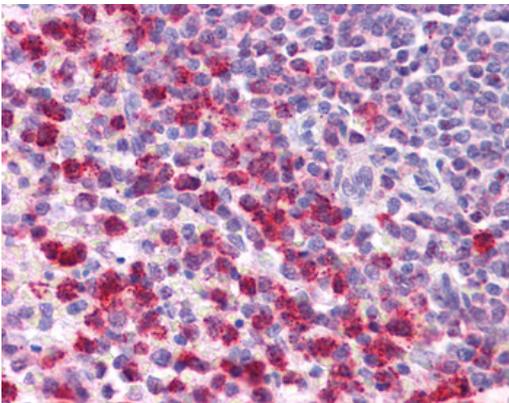
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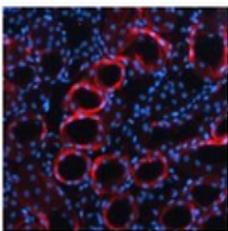
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**TGFB1**

Sample Tissue: Human Fetal Heart, Antibody Dilution: 1.0 ug/ml.



Human Spleen



**Tgf beta 1**  
Immunofluorescent Tgf beta 1 detection in mouse kidney (red fluorescence). Nuclei were stained with DAPI (blue fluorescence).  
Suitable for IHC on human cells.  
Working dilution 5-10 ug/ml.

Immunofluorescent TGFB1 detection in mouse kidney (red fluorescence). Nuclei were stained with DAPI (blue fluorescence). Working dilutions: 5-10 ug/ml.

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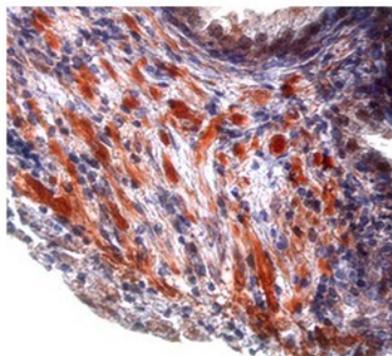
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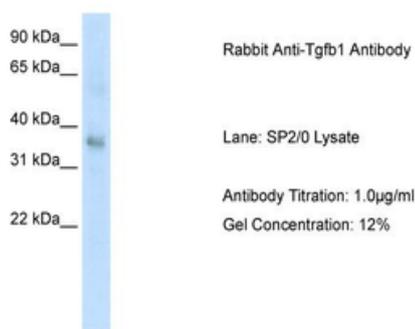
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TGFβ1 in human prostate cancer tissue was detected using HRP/AEC red color stain. Working dilutions: 5-10 ug/ml.



WB Suggested Anti-TGFB1 Antibody Titration: 0.2-1 ug/ml or 1:5000 to 1:1000 dilution. SP2/0 cell lysate.

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