

**Anti-TNS4 Rabbit Monoclonal Antibody**  
**Catalog # ABO16483****Specification**

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**Anti-TNS4 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q8IZW8</a> |
| Host              | Rabbit                 |
| Isotype           | IgG                    |
| Reactivity        | Rat, Human, Mouse      |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-TNS4 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

**Anti-TNS4 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 84951

**Other Names**

Tensin-4, C-terminal tensin-like protein, TNS4, CTEN

**Calculated MW**

90 kDa KDa

**Application Details**

WB 1:500-1:2000

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human TNS4

**Purification**

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-TNS4 Rabbit Monoclonal Antibody - Protein Information**

**Name** TNS4

## Synonyms CTEN

### Function

Promotes EGF-induced cell migration by displacing tensin TNS3 from the cytoplasmic tail of integrin ITGB1 which results in dissociation of TNS3 from focal adhesions, disassembly of actin stress fibers and initiation of cell migration (PubMed:<a href="http://www.uniprot.org/citations/17643115" target="\_blank">17643115</a>). Suppresses ligand-induced degradation of EGFR by reducing EGFR ubiquitination in the presence of EGF (PubMed:<a href="http://www.uniprot.org/citations/23774213" target="\_blank">23774213</a>). Increases MET protein stability by inhibiting MET endocytosis and subsequent lysosomal degradation which leads to increased cell survival, proliferation and migration (PubMed:<a href="http://www.uniprot.org/citations/24814316" target="\_blank">24814316</a>).

### Cellular Location

Cell junction, focal adhesion. Cytoplasm, cytoskeleton

### Tissue Location

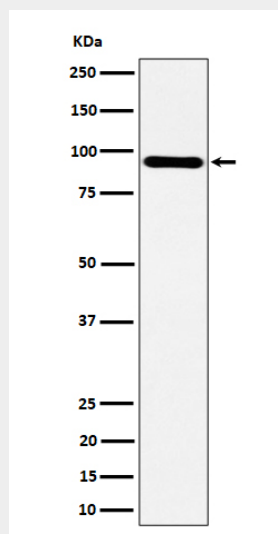
Expressed at low levels in colon (at protein level) (PubMed:19214987, PubMed:19487278). Expressed in prostate and placenta (PubMed:12154022).

## Anti-TNS4 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-TNS4 Rabbit Monoclonal Antibody - Images



Western blot analysis of TNS4 expression in HepG2 cell lysate.