# Recombinant TCF4 (Transcription Factor 4) Antibody

Rabbit Monoclonal Antibody [Clone TCF4/16911R]

| Catalog No | Format | Size |
|---|---|---|
| 6925-RBM5-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 6925-RBM5-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 6925-RBM5-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

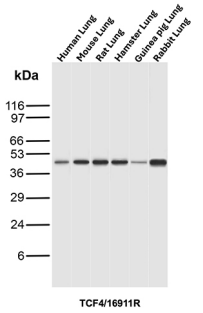
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

| | |
|---|---|
| **Clone** | TCF4/16911R |
| **Immunogen** | Recombinant fragment (around aa365-671) of the human TCF4 protein (exact sequence is proprietary) |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 71.31kDa |
| **Cellular Localization** | Nucleus |
| **Species Reactivity** | Human |
| **Positive Control** | Expressed in adult heart, brain, placenta, skeletal muscle and to a lesser extent in the lung |

**Optimal dilution for a specific application should be determined.*

## Product Images for Recombinant TCF4 (Transcription Factor 4) Antibody




Western blot analysis of lung tissue lysates from human, guinea pig, rat, hamster, rabbit and mouse using TCF4 Recombinant Rabbit Monoclonal Antibody (TCF4/16911R).

### Specificity & Comments

Transcription factor that binds to the immunoglobulin enhancer Mu-E5/KE5-motif. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Binds to the E-box present in the somatostatin receptor 2 initiator element (SSTR2-INR) to activate transcription (By similarity). Preferentially binds to either 5'-ACANNTGT-3' or 5'-CCANNTGG-3'.

### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.