

Recombinant Transcription Factor 7 Like 2 Monoclonal Antibody

catalog number: **E-AB-81487**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

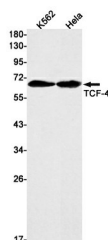
| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | A synthetic peptide of human TCF-4 |
| Host | Rabbit |
| Isotype | IgG |
| Clone | R09-1D1 |
| Purification | Affinity Purified |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

Applications

Recommended Dilution

| | |
|------------|--------------|
| WB | 1:500-1:1000 |
| IHC | 1:50-1:100 |

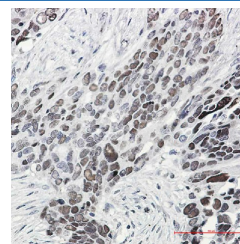
Data



Western blot detection of TCF-4 in K562, Hela cell lysates using TCF-4 Rabbit mAb (1:1000 diluted). Predicted band size: 68kDa. Observed band size: 68kDa.

Observed-MW:68 kDa

Calculated-MW:68 kDa



Immunohistochemistry of TCF-4 in paraffin-embedded Human Cholangiocarcinoma using TCF-4 Rabbit mAb at dilution 1:50

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Participates in the Wnt signaling pathway and modulates MYC expression by binding to its promoter in a sequence-specific manner. Acts as repressor in the absence of CTNNB1, and as activator in its presence. Activates transcription from promoters with several copies of the Tcf motif 5'-CCTTTGATC-3'; in the presence of CTNNB1. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7L2/TCF4 and CTNNB1. Expression of dominant-negative mutants results in cell-cycle arrest in G1. Necessary for the maintenance of the epithelial stem-cell compartment of the small intestine.

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