

Recombinant Transcription Factor 7 Like 2 Monoclonal Antibody

Catalog Number:E-AB-81487

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

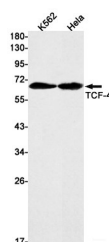
Description

Reactivity	Human
Immunogen	A synthetic peptide of human TCF-4
Host	Rabbit
Isotype	IgG
Clone	R09-1D1
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

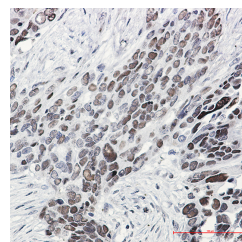
WB	1:500-1:1000
IHC	1:50-1:100

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:68kDa
Calculated Mw:68kDa



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. Avoid freeze / thaw cycles.

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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