



[Go to Product page](#)

Datasheet for ABIN563112
anti-TCF3 antibody (AA 545-654)

3 Images

1 Publication

Overview

Quantity:	100 µg
Target:	TCF3
Binding Specificity:	AA 545-654
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TCF3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TCF3.
Immunogen:	TCF3 (NP_003191, 545 a.a. ~ 654 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EREKERRVAN NARERLRVRD INEAFKELGR MCQLHLNSEK PQTCLLILHQ AVSVILNLEQ QVRERNLNPK AACLKRREEE KVSGVVGDPQ MVLSAPHPGL SEAHNPAGHM
Clone:	5G2
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TCF3
Alternative Name:	TCF3 (TCF3 Products)
Background:	Full Gene Name: transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) Synonyms: E2A,ITF1,MGC129647,MGC129648,bHLHb21
Gene ID:	6929
NCBI Accession:	NM_003200
Pathways:	WNT Signaling , Stem Cell Maintenance , Regulation of Muscle Cell Differentiation , Production of Molecular Mediator of Immune Response

Application Details

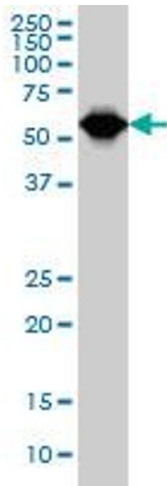
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

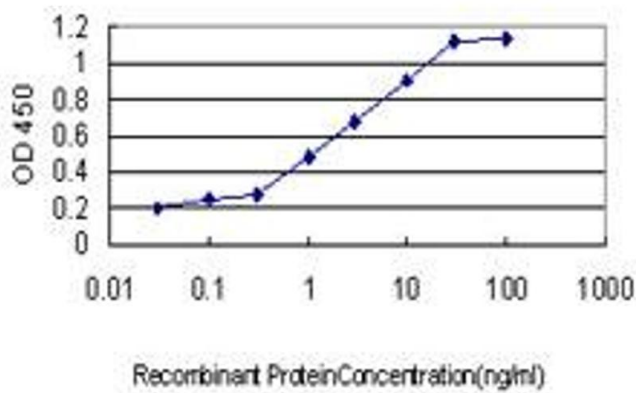
Publications

Product cited in:	Schmeisser, Grabrucker, Bockmann, Boeckers: "Synaptic cross-talk between N-methyl-D-aspartate receptors and LAPSER1-beta-catenin at excitatory synapses." in: The Journal of biological chemistry , Vol. 284, Issue 42, pp. 29146-57, (2009) (PubMed).
-------------------	---



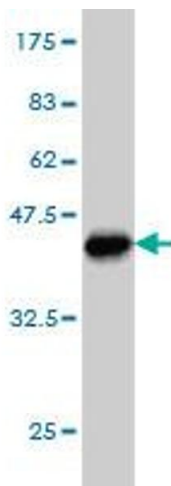
Western Blotting

Image 1. TCF3 monoclonal antibody (M01), clone 5G2 Western Blot analysis of TCF3 expression in HeLa S3 NE .



ELISA

Image 2. Detection limit for recombinant GST tagged TCF3 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 KDa) .