ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-TCF3 / ITF1 Antibody

Item Number	dAP-1001
Target Molecule	Principle Name: TCF3 / ITF1; Official Symbol: TCF3; All Names and Symbols: TCF3; ITF1; transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47); E2A; MGC129647; MGC129648 ; E2A immunoglobulin enhancer-binding factor E12/E47; immunoglobulin transcription factor 1; kappa-E2-binding factor; transcription factor ; Accession Number (s): NP_003191.1; Human Gene ID(s): 6929; Non-Human GeneID(s):
Immunogen	KAPRARTSPDEDED, is from internal region This antibody is expected to recognize reported isoform E12 (NP_003191.1) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 75kDa band observed in lysates of cell line Daudi (calculated MW of 67.6kDa according to NP_003191.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows strong nuclear staining in DCT cells. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Greenbaum S, Lazorchak AS, Zhuang Y. Differential functions for the transcription factor E2A in positive and negative gene regulation in pre-B lymphocytes. J Biol Chem. 2004 Oct 22;279 (43):45028-35..PMID: 15310760->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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