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anti-TCF21 antibody (C-Term)

Images



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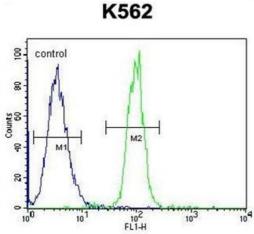
Overview	
Quantity:	0.4 mL
Target:	TCF21
Binding Specificity:	AA 151-179, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCF21 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 151-179 amino acids from the C-terminal region of Human TCF21
Isotype:	lg Fraction
Specificity:	This antibody detects Human TCF21 / POD1 (C-term). Other species not tested.
Purification:	Protein A column, followed by peptide affinity purification
Target Details	
Target:	TCF21
Alternative Name:	TCF21 / POD1 (TCF21 Products)
Background:	TCF21 encodes a transcription factor of the basic helix-loop-helix family. The TCF21 product is

Target Details

	mesoderm specific, and expressed in embryonic epicardium, mesenchyme-derived tissues of
	lung, gut, gonad, and both mesenchymal and glomerular epithelial cells in the kidney. Two
	transcript variants encoding the same protein have been found for this gene. Synonyms:
	Capsulin, Epicardin, Pod-1, Podocyte-expressed 1, Transcription factor 21
Molecular Weight:	19715 Da
Gene ID:	6943
NCBI Accession:	NP_003197
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



K562 55 36 28 ■ ■ 17

Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using TCF21 Antibody (C-term) Cat.-No AP54202PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis using TCF21 Antibody (Cterm) in K562 cell line lysates (35 μ g/lane). This demonstrates the TCF21 antibody detected the TCF21 protein (arrow).