

For Research Use Only

# TCF21 Recombinant antibody, PBS Only

Catalog Number: 86294-2-PBS



## Basic Information

Catalog Number:	86294-2-PBS	GenBank Accession Number:	BC025697	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	6943	CloneNo.:	250960C8
Source:	Rabbit	UNIPROT ID:	O43680		
Isotype:	IgG	Full Name:	transcription factor 21		
Immunogen Catalog Number:	AG32510	Calculated MW:	179 aa, 20 kDa		
		Observed MW:	25 kDa		

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human

## Background Information

TCF21 (Transcription factor 21), also known as POD1. It is predicted to be located in the nucleus. TCF21 is a prognostic marker in Breast invasive carcinoma, Kidney renal clear cell carcinoma, Liver hepatocellular carcinoma, Lung squamous cell carcinoma. This protein is involved in the epithelial-mesenchymal interaction in the morphogenesis of kidney and lung, including epithelial differentiation and branching morphogenesis. It may play a role in the specialization or differentiation of one or more epicardial cell types. The molecular weight of TCF21 is 20 kDa, it also has phosphorylation modification.

## Storage

### Storage:

Store at -80°C.

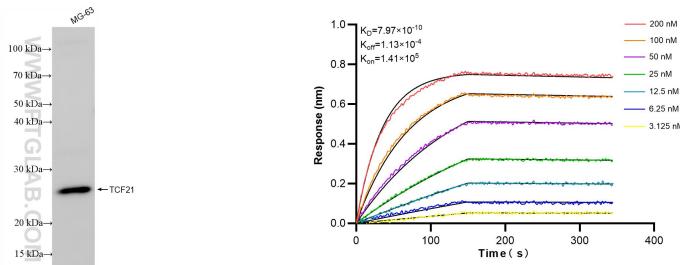
### Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86294-2-RR (TCF21 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86294-2-PBS in a different storage buffer formulation.

Biolayer interferometry (BLI) kinetic assays of 86294-2-RR against Human TCF21 were performed. The affinity constant is 0.797 nM.