



Datasheet for ABIN563288  
**anti-TTR antibody (AA 21-147)**



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Overview

Quantity:	100 µg
Target:	TTR
Binding Specificity:	AA 21-147
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TTR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant TTR.
Immunogen:	TTR (AAH20791.1, 21 a.a. ~ 147 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GPTGTGESKC PLMVKVLDVAV RGSPAINVAV HVFRKAADD T WEPFASGKTS ESGELHGLTT EEEFVEGIYK VEIDTKSYWK ALGISPFHEH AEVVFTANDS GPRRYTIAAL LSPYSYSTTA VVTNPKE
Clone:	4D8
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	TTR
Alternative Name:	TTR ( <a href="#">TTR Products</a> )
Background:	Full Gene Name: transthyretin Synonyms: HsT2651,PALB,TBPA
Gene ID:	7276
Pathways:	<a href="#">Hormone Transport</a>

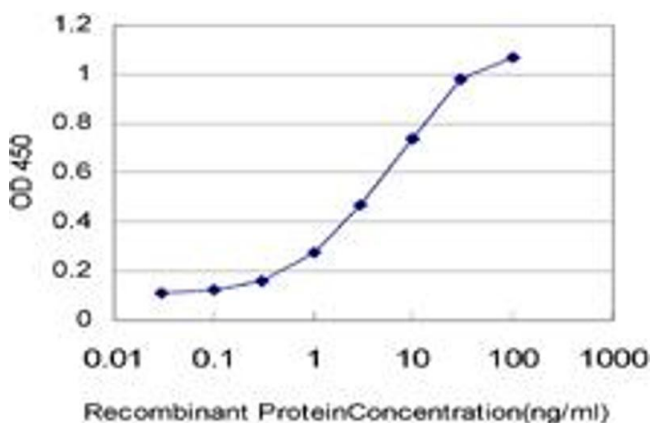
## Application Details

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

## Handling

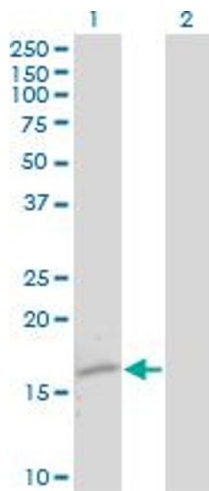
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### ELISA

**Image 1.** Detection limit for recombinant GST tagged TTR is approximately 1 ng/ml as a capture antibody.

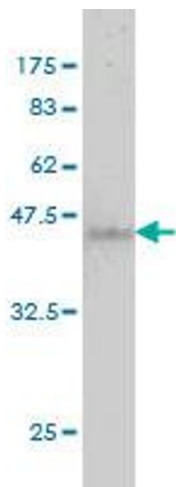


### Western Blotting

**Image 2.** Western Blot analysis of TTR expression in transfected 293T cell line by TTR monoclonal antibody (M01), clone 4D8.

Lane 1: TTR transfected lysate(15.9 kDa).

Lane 2: Non-transfected lysate.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (39.71 kDa).