

Product Datasheet

TGFB2 Rabbit Polyclonal Antibody (orb579467)

Catalog Number	orb579467
Category	Antibodies
Description	Rabbit polyclonal antibody to TGFB2
Target	TGFB2
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Canine, Equine, Guinea pig, Porcine, Rabbit, Rat, Sheep, Zebrafish
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Buffer/Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification	Affinity Purified
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TGFB2
Protein Sequence	Synthetic peptide located within the following region: NLVKAEFRVFRLLQNPKEARVPEQRIELYQILKSKDLTSPTQRYIDSKVVKT
UniProt ID	P61812

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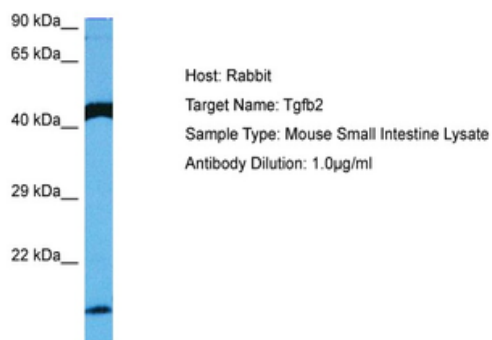
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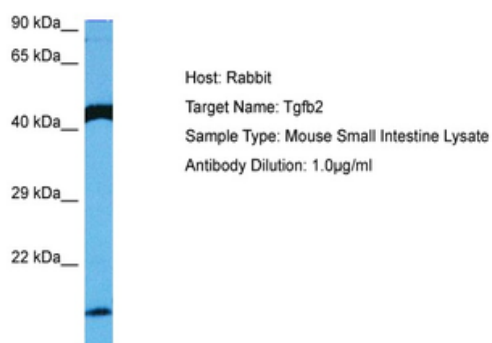
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MW	46kDa
Tested applications	WB
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_003229
Expiration Date	12 months from date of receipt.



Sample Tissue: Mouse Small Intestine, Antibody dilution: 1 ug/ml.



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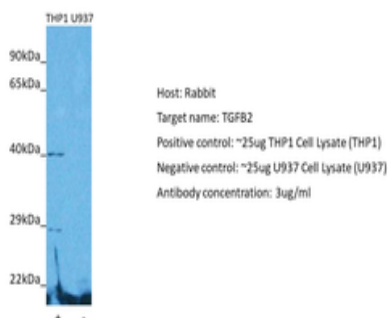
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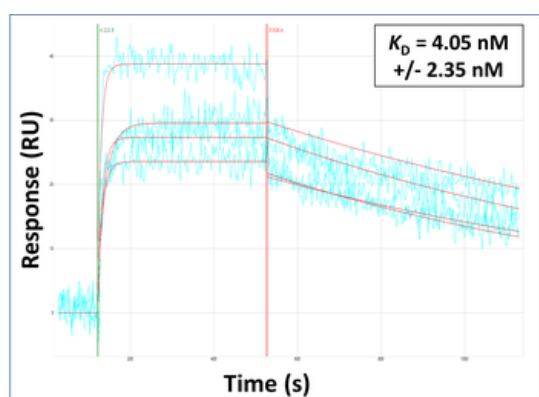
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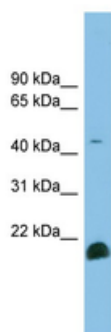
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Positive control (+): THP-1 (N30), Negative control (-): U937 (N31), Antibody concentration: 3 ug/ml.



Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (PAGH200M) at concentrations of 5, and 50 ug/ml in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.



WB Suggested Anti-TGFB2 Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:312500, Positive Control: NCI-H226 cell lysate. There is BioGPS gene expression data showing that TGFB2 is expressed in NCIH226.

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