

Product Datasheet

TGF Beta 1+2+3 Rabbit Polyclonal Antibody (orb7086)

Description	TGF Beta 1+2+3 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse, Rabbit, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human TGF Beta 1 (301-350/390aa)
Target	TGFB1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Polyclonal
MW	12.8/44 kDa
Uniprot ID	P01137

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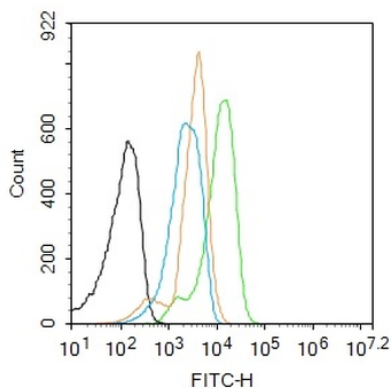
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Dilution Range

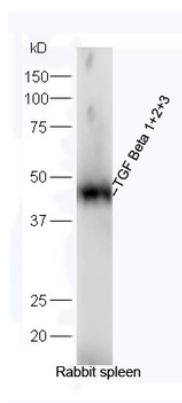
WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=2µg/Test

Expiration Date

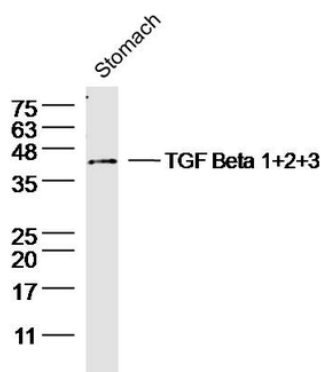
12 months from date of receipt.



Blank control: K562. Primary Antibody (green line): Rabbit Anti-TGF Beta 1+2+3 antibody (orb7086), dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Sample: Spleen (Rabbit) Lysate at 40 ug, Primary: Anti-TGF Beta 1+2+3 (orb7086) at 1/300 dilution, Secondary: HRP conjugated Goat-Anti-rabbit IgG (orb572747) at 1/5000 dilution, Predicted band size: 12.8/44 kD, Observed band size: 44 kD.



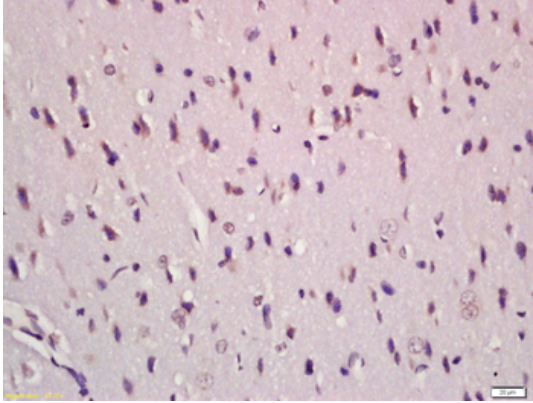
Sample: Stomach (mouse) Lysate at 40 ug, Primary: Anti-TGF Beta 1+2+3 (orb7086) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 12.8/44kD, Observed band size: 44 kD.

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Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-TGF Beta 1+2+3 Polyclonal Antibody, Unconjugated (orb7086) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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