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<b>Catalog Number:</b>	GT15074	<b>Host:</b>	Goat
<b>Product Type:</b>	Affinity purified	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Recombinant chicken transforming growth factor $\beta$ 3	<b>Format:</b>	Liquid 1mg/ml Solution in phosphate-buffered saline
<b>Applications:</b>	<b>Immunohistochemistry:</b> 15 $\mu$ g/mL <b>Western Blot:</b> 0.1 – 0.2 $\mu$ g/mL Tested for Western blotting using recombinant. <b>ELISA:</b> 0.5 - 1.0 $\mu$ g/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<b>Storage:</b>	Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

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### Application Notes

**Immunohistochemistry** For immunohistochemistry, the antibody will detect TGF- $\beta$ 3 in human paraffin-embedded tissue sections. The working dilution for 5 - 15 mm thick sections is 15 mg/mL.

**Western Blot** For western blot analysis, the antibody can be used at 0.1 - 0.2 mg/mL with the appropriate secondary reagents to detect TGF- $\beta$ 3. The detection limit for TGF- $\beta$ 3 is approximately 5 ng/lane under non-reducing and reducing conditions.

### FOR RESEARCH USE ONLY

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