



Anti-mouse FGF R5β

Data Sheet

Catalog Number:	GT150893	Host:	Goat
Product Type:	Affinity Purified	Species Reactivity:	Mouse
Immunogen Sequence:	NS0-derived, recombinant mouse Fibroblast Growth Factor Receptor 5 beta (rmFGF R5β).	Format:	Liquid 1 mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose.
Applications:	Immunohistochemistry: 15 µg/mL. Western Blot: 0.1 – 0.2 µg/mL ELISA: 0.5 - 1.0 µg/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	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>		

Application Notes

Immunohistochemistry:

This antibody will detect FGF R5β in cells and tissues. The working dilution is 15 µg/mL.

Direct ELISA

This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse FGF R5β. The detection limit for rmFGF R5β is approximately 0.3 ng/well.

Western blot

This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse FGF R5β. The detection limit for rmFGF R5β is approximately 5 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows less than 5% cross-reactivity with rhFGF R1α (IIIb), rmFGF R2β (IIIc), rmFGF R3α (IIIb), rhFGF R3α (IIIc), rhFGF R1β (IIIc), rmFGF R2β (IIIb), rhFGF R1α (IIIc), rmFGF R2α (IIIc), rhFGF R1β (IIIb), rmFGF R2α (IIIb), rmFGF R2 and rmFGF R4.

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