

## TGF-β Receptor II Polyclonal Antibody

**CATALOG #:** 5639R-100

**AMOUNT:** 100 µg

**LOT #:** \_\_\_\_\_

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 555 of rat TGF-β Receptor II (Internal ID# BV-F60G)

**SPECIES REACTIVITY:** Human, mouse, rat

**FORMULATION:**

100 µg (0.5 mg/ml) affinity purified anti- TGF-β Receptor II polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**STORAGE CONDITIONS:**

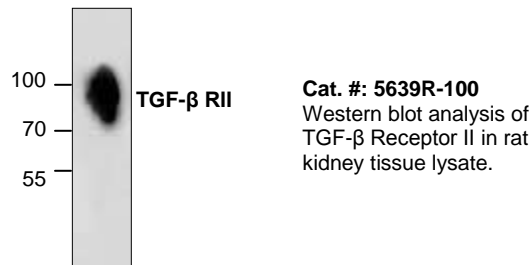
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

**BACKGROUND:**

TGF-β (Transforming growth factor-beta superfamily members are critical regulators of cell proliferation, differentiation, morphogenesis, and pathogenesis. TGF-beta receptor is a serine/threonine kinase receptor complex that consists of two distinct transmembrane proteins known as type I and type II receptors. In response to ligand binding, the type II receptors form a stable complex with the type I receptors allowing phosphorylation and thus activation of the type I receptor kinases.

**APPLICATIONS:**

The antibody can be used for Western blotting (0.5-4 µg/ml) and Immunohistochemistry (5 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 5639RBP-50) is available separately.



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