

Product datasheet for **TA389762**

Parathyroid Hormone Receptor 1 (PTH1R) Mouse Monoclonal Antibody [Clone ID: 3D1.1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3D1.1
Applications:	IHC, WB
Recommended Dilution:	IHC IHC-P (5 µg/ml) WB (0.5 - 2 µg/ml)
Reactivity:	Mouse, Dog, Bovine, Pig, Horse, Human, Monkey
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to aa146-169 of human PTH/PTHrP Receptor [RRCDRNGSWELVPGHNRTWANYSE]. Species sequence Homology: Mouse & rat (23/24aa). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Elephant, Bovine, Dog, Horse, Pig (100%); Mouse, Rat, Hamster, Panda, Bat, Rabbit (96%); Opossum, Chicken (92%); Xenopus (88%).
Specificity:	Recognizes human PTH/PTHrP receptor, MW 80kD, and the receptor dimer, Mr 160kD. A faint nonspecific band at 110kD is also detected. This antibody does not detect the PTH2 receptor.
Formulation:	0.1 M Tris-Glycine, pH 7.4, 0.15 M NaCl, 0.05% Sodium Azide, 30% Glycerol
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Short term: store at 4°C. Long term: aliquot and store at -20°C. Avoid freeze-thaw cycles. Aliquots are stable for 1 year after receipt.
Stability:	12 months from date of despatch
Gene Name:	parathyroid hormone 1 receptor
Database Link:	Entrez Gene 5745 Human Q03431



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- Background:** PTHR1 antibody TA389762 is an unconjugated mouse monoclonal antibody to PTHR1 (PTHR) from human. It is reactive with human, mouse, bovine and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
- Synonyms:** PTH1R, Parathyroid hormone 1 receptor, Parathyroid hormone receptor 1, PFE, Pth-related peptide receptor, PTHR, PTH/PTHr receptor, Pth/pthrp receptor, Parathyroid hormone receptor, PTH/PTHrP type I receptor, PTH1 receptor, PTHR1, PTHrP-R, PTHrP-receptor
- Note:** WB: Detects PTH/PTHrP receptor from RIPA lysates of 3T3-L1 pre-adipose fibroblasts. 3T3-L1 cell lysate was resolved by electrophoresis, transferred to nitrocellulose and probed with Mouse Anti-PTH. Proteins were visualized using an IgG (HRP) goat anti-mouse secondary antibody and a chemiluminescence detection system. IHC: Detects PTH/PTHrP receptor in human kidney, vascular smooth muscle and ovary sections. Receptor was also detected in porcine oocytes. IHC: Detects PTH/PTHrP receptor in human kidney, vascular smooth muscle and ovary sections. Receptor was also detected in porcine oocytes.