

Product datasheet for **SM1868P**

Calcitonin receptor (CALCR) Mouse Monoclonal Antibody [Clone ID: 31/01]

Product data:

Product Type:	Primary Antibodies
Clone Name:	31/01
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	ELISA: 1/1000-1/5000. Western blot. Flow Cytometry. Immunofluorescence. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: 1/50-1/500. The use of 4% paraformaldehyde fixation, rather than formalin fixation is recommended. Recommended Positive Control: Kidney.
Reactivity:	Human, Rabbit
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Synthetic peptide derived from a sequence within the cytoplasmic domain of Human Calcitonin Receptor. Spleen cells from immunised mice were fused with cells of the mouse SP2/0 myeloma cell line.
Specificity:	This antibody recognizes the Calcitonin Receptor. Clone 31/01 recognizes an epitope within the cytoplasmic domain that is common to both C1a and C1b Human isoforms.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated



[View online »](#)

Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	calcitonin receptor
Database Link:	Entrez Gene 799 Human P30988
Background:	Calcitonin receptor is a membrane protein with seven transmembrane domains that is coupled to G protein messenger systems. The calcitonin receptor is expressed in kidney, central and peripheral nervous systems and on osteoclasts. It is also expressed in a number of tissues during the development of the embryo and may be important in foetal morphogenesis.
Synonyms:	CTR, CT-R, CALCR