



Calcitonin Monoclonal Antibody

Catalog No	BYmab-10639
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CALCA CALC1
Protein Name	Calcitonin [Cleaved into: Calcitonin; Katalcalcin (Calcitonin carboxyl-terminal peptide) (CCP) (PDN-21)]
Immunogen	Synthetic peptide from human protein at AA range: 80-141
Specificity	The antibody detects endogenous Calcitonin
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Calcitonin [Cleaved into: Calcitonin; Katalcalcin (Calcitonin carboxyl-terminal peptide;CCP;PDN-21)]
Observed Band	16kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	function:Calcitonin causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of those ions in the bones.,function:CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role. It also elevates platelet cAMP.,function:Katalcalcin is a potent plasma calcium-lowering peptide.,online information:Calcitonin entry,similarity:Belongs to the calcitonin family.,
Background	function:Calcitonin causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of those ions in the

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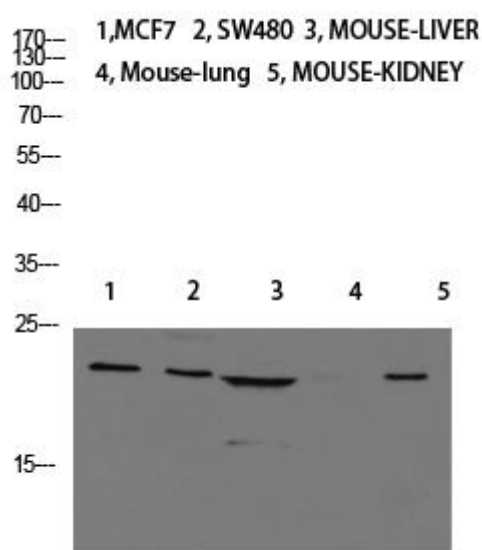
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Calcitonin Monoclonal Antibody