

ARG10498 anti-Calcitonin antibody [24B2]

Package: 250 µg
Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [24B2] recognizes Calcitonin |
| Tested Reactivity | Hu |
| Tested Application | ELISA, WB |
| Specificity | This clone reacts Human calcitonin and procalcitonin |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 24B2 |
| Isotype | IgG1 |
| Target Name | Calcitonin |
| Species | Human |
| Immunogen | Balb/c mice immunized with calcitonin conjugated with carrier protein. |
| Conjugation | Un-conjugated |
| Alternate Names | CALC1; Calcitonin carboxyl-terminal peptide; CCP; PDN-21; CT |

Application Instructions

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| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |
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Properties

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| Form | Liquid |
| Purification | Protein A affinity purified. |
| Buffer | PBS (pH.2)) and 0.1 % Sodium azide |
| Preservative | 0.1 % Sodium azide |
| Concentration | 1.0-2.0 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Database links | GeneID: 796 Human |
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[Swiss-port # P01258 Human](#)

[Swiss-port # P04217 Human](#)

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| Gene Symbol | CALCA |
| Gene Full Name | Calcitonin |
| Background | This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2014] |
| 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. Katacalcin is a potent plasma calcium-lowering peptide. [UniProt] |
| Research Area | Cancer antibody; Cell Biology and Cellular Response antibody; Neuroscience antibody; Signaling Transduction antibody |
| Calculated Mw | 14 kDa |