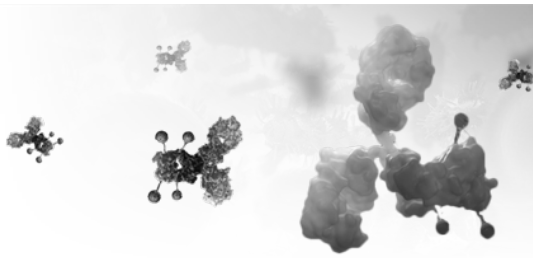

# Mouse anti-Human CANT1 monoclonal antibody, clone 3E4 (CABT-B9894)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Immunogen** | CANT1 (AAH17655, 302 a.a. ~ 401 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Isotype** | IgG2a |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 3E4 |
| **Conjugate** | Unconjugated |
| **Applications** | WB,sELISA,ELISA |
| **Sequence Similarities** | ASQERYSEKDDERKGANLLLSASPDFGDIAVSHVGAVVPTHGFSSFKFIPNTDDQIIVAL KSEEDSGRVASYIMAFTLDGRFLLPETKIGSVKYEGIEFI |
| **Format** | Liquid |
| **Size** | 100 µg |
| **Buffer** | In 1x PBS, pH 7.2 |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## BACKGROUND

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|---|---|
| **Introduction** | This protein encoded by this gene belongs to the apyrase family. It functions as a calcium-dependent nucleotidase with a preference for UDP. Mutations in this gene are associated with |

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| | |
|---|---|
| | Desbuquois dysplasia with hand anomalies. Alternatively spliced transcript variants have been noted for this gene.[provided by RefSeq, Mar 2010] |
| **Keywords** | CANT1; calcium activated nucleotidase 1; DBQD; SCAN1; SHAPY; SCAN-1; soluble calcium-activated nucleotidase 1; apyrase homolog; putative MAPK-activating protein PM09; putative NF-kappa-B-activating protein 107; soluble Ca-activated nucleotidase, isozyme 1; soluble calcium-activated nucleotidase SCAN-1; Ca2+-dependent endoplasmic reticulum nucleoside diphosphatase; micromelic dwarfism with vertebral and metaphyseal abnormalities and advanced carpotarsal ossification; |

# GENE INFORMATION

| | |
|---|---|
| **Entrez Gene ID** | 124583 |
| **UniProt ID** | Q8WVQ1 |
| **Pathway** | Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem |
| **Function** | calcium ion binding; hydrolase activity; nucleoside-diphosphatase activity; signal transducer activity |

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