



Mouse anti-Human IL1RAPL1 monoclonal antibody, clone 2D21 (CABT-B10456)

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

PRODUCT INFORMATION

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| Immunogen | IL1RAPL1 (NP_055086, 151 a.a. ~ 251 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 | 2D21 |
| Conjugate | Unconjugated |
| Applications | WB,sELISA,ELISA |
| Sequence Similarities | FEKAELSKSKEISCRDIEDFLLPTREPEILWYKECRTKTWRPSIVFKRDTLLIREVREDD IGNYTCELKYGGFVRRTELTVTAPLTDKPPKLLYPMES* |
| 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 | The protein encoded by this gene is a member of the interleukin 1 receptor family and is similar to the interleukin 1 accessory proteins. It is most closely related to interleukin 1 receptor |
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accessory protein-like 2 (IL1RAPL2). This gene and IL1RAPL2 are located at a region on chromosome X that is associated with X-linked non-syndromic mental retardation. Deletions and mutations in this gene were found in patients with mental retardation. This gene is expressed at a high level in post-natal brain structures involved in the hippocampal memory system, which suggests a specialized role in the physiological processes underlying memory and learning abilities. [provided by RefSeq, Jul 2008]

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| Keywords | IL1RAPL1; interleukin 1 receptor accessory protein-like 1; IL1R8; MRX10; MRX21; MRX34; OPHN4; IL1RAPL; TIGIRR-2; interleukin-1 receptor accessory protein-like 1; IL1RAPL-1; IL-1RAPL-1; IL-1-RAPL-1; oligophrenin-4; interleukin 1 receptor-8; mental retardation, X-linked 10; X-linked interleukin-1 receptor accessory protein-like 1; three immunoglobulin domain-containing IL-1 receptor-related 2; |
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GENE INFORMATION

Entrez Gene ID [11141](#)

UniProt ID [Q9NZN1](#)

Function NOT interleukin-1 binding; protein binding; transmembrane receptor activity