



Anti-ADORA2B monoclonal antibody (DCABH-10438)

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

PRODUCT INFORMATION

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| Antigen Description | This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17. |
| Immunogen | A synthetic peptide of human ADORA2B is used for rabbit immunization. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Protein A |
| Conjugate | Unconjugated |
| Applications | Western Blot (Transfected lysate); ELISA |
| Buffer | In 1x PBS, pH 7.4 |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | ADORA2B adenosine A2b receptor [Homo sapiens] |
| Official Symbol | ADORA2B |

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| Synonyms | ADORA2B; adenosine A2b receptor; adenosine receptor A2b; ADORA2; |
| Entrez Gene ID | 136 |
| Protein Refseq | NP_000667 |
| UniProt ID | P29275 |
| Chromosome Location | 17p12 |
| Pathway | Adenosine P1 receptors, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; |
| Function | G-protein coupled adenosine receptor activity; receptor activity; signal transducer activity; |