



# Mouse anti-Human EPHA6 monoclonal antibody, clone 3I3 (CABT-B10198)

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

## PRODUCT INFORMATION

|                              |                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>             | EPHA6 (NP_001249, 613 a.a. ~ 712 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Isotype</b>               | IgG1                                                                                                               |
| <b>Source/Host</b>           | Mouse                                                                                                              |
| <b>Species Reactivity</b>    | Human                                                                                                              |
| <b>Clone</b>                 | 3I3                                                                                                                |
| <b>Conjugate</b>             | Unconjugated                                                                                                       |
| <b>Applications</b>          | WB,sELISA,ELISA                                                                                                    |
| <b>Sequence Similarities</b> | PSDTGGRKDLTYSVICKKCGLDTSQCEDCGGGLRFIPRHTGLINNSVIVLDFVSHVNYTF<br>EIEAMNGVSELSFSPKPFTAITVTTDQDGKFHCCSLKTDP           |
| <b>Format</b>                | Liquid                                                                                                             |
| <b>Size</b>                  | 100 µg                                                                                                             |
| <b>Buffer</b>                | In 1x PBS, pH 7.2                                                                                                  |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                           |

## BACKGROUND

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| <b>Introduction</b> | Ephrin type-A receptor 6 is a protein that in humans is encoded by the EPHA6 gene. Mouse monoclonal antibody raised against a partial recombinant EPHA6. |
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|-----------------|---------------------------------------------------------------------------------------------------------|
| <b>Keywords</b> | EPHA6; Eph receptor A6; Ehk2; Hek12; m-ehk2; ephrin type-A receptor 6; EHK-2; EPH<br>homology kinase 2; |
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# GENE INFORMATION

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez Gene ID</b> | <a href="#">285220</a>                                                                                                                                                                 |
| <b>UniProt ID</b>     | <a href="#">B3KS12</a>                                                                                                                                                                 |
| <b>Pathway</b>        | Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; EPHA forward signaling, organism-specific biosystem; EphrinA-EPHA pathway, organism-specific biosystem |
| <b>Function</b>       | ATP binding; ephrin receptor activity; molecular_function; nucleotide binding; receptor activity                                                                                       |

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