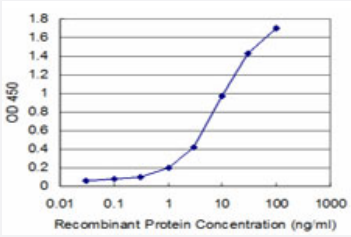
# ABL2 monoclonal antibody (M06), clone 2H8

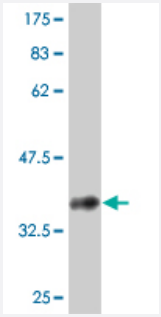
Catalog # H00000027-M06 Size 100 ug

## Applications




### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABL2 is approximately 1ng/ml as a capture antibody.




Western Blot detection against Immunogen (36.41 KDa) .

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against a partial recombinant ABL2. |
| **Immunogen** | ABL2 (AAH65912, 743 a.a. ~ 842 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Sequence** | KKTLGLRAGKPTASDDTSKPFPRSNSTSSMSSGLPEQDRMAMTLPRNCQRSKLQLERTVSTSS QPEENVDRANDMLPKKSEESAAPSRERPKAKLLPRGA |
| **Host** | Mouse |
| **Reactivity** | Human |

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| | |
|---|---|
| **Interspecies Antigen Sequence** | Mouse (98); Rat (98) |
| **Isotype** | IgG2a Kappa |
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.41 KDa) . |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- ELISA
- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged ABL2 is approximately 1ng/ml as a capture antibody.

  Protocol Download
- Western Blot (Recombinant protein)

  Protocol Download

## Gene Info — ABL2

| | |
|---|---|
| **Entrez GeneID** | 27 |
| **GeneBank Accession#** | BC065912 |
| **Protein Accession#** | AAH65912 |
| **Gene Name** | ABL2 |
| **Gene Alias** | ABLL, ARG, FLJ22224, FLJ31718, FLJ41441 |
| **Gene Description** | v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene) |
| **Omim ID** | 164690 |
| **Gene Ontology** | Hyperlink |

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| | |
|---|---|
| **Gene Summary** | This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinase. The pr otein is highly similar to the ABL1 protein, including the tyrosine kinase, SH2 and SH3 domains, a nd has a role in cytoskeletal rearrangements by its C-terminal F-actin- and microtubule-binding se quences. This gene is expressed in both normal and tumor cells, and is involved in translocation w ith the ETV6 gene in leukemia. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq |
| **Other Designations** | Abelson murine leukemia viral (v-abl) oncogene homolog 2\|Abelson-related gene protein\|OTTHU MP00000033139\|arg tyrosine kinase\|v-abl Abelson murine leukemia viral oncogene homolog 2 |

## Pathway

- ErbB signaling pathway

## Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis

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