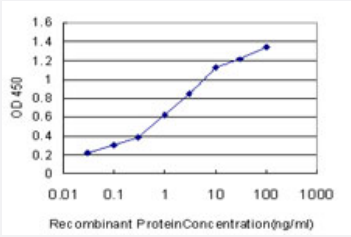
# ABL2 monoclonal antibody (M10), clone 3E4

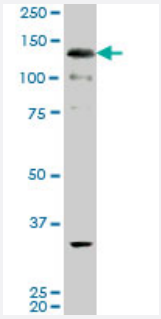
Catalog # H00000027-M10 Size 100 ug

## Applications



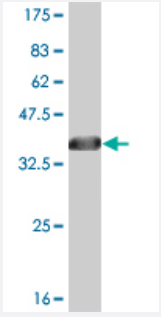

### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABL2 is approximately 0.03ng/ml as a capture antibody.




### Western Blot (Cell lysate)

ABL2 monoclonal antibody (M10), clone 3E4 Western Blot analysis of ABL2 expression in K-562 ( Cat # L009V1 ).




Western Blot detection against Immunogen (36.41 KDa) .

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against a partial recombinant ABL2. |

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| | |
|---|---|
| **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 |
| **Interspecies Antigen Sequence** | Mouse (98); Rat (98) |
| **Isotype** | IgG3 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 0.03ng/ml as a capture antibody.

  Protocol Download
- Western Blot (Cell lysate)

  ABL2 monoclonal antibody (M10), clone 3E4 Western Blot analysis of ABL2 expression in K-562 ( Cat # L009V1 ).

  Protocol Download
- Western Blot (Recombinant protein)

  Protocol Download

## Gene Info — ABL2

| | |
|---|---|
| **Entrez GeneID** | 27 |

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| | |
|---|---|
| **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 |
| **Gene Summary** | This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinase. The protein is highly similar to the ABL1 protein, including the tyrosine kinase, SH2 and SH3 domains, and has a role in cytoskeletal rearrangements by its C-terminal F-actin- and microtubule-binding sequences. This gene is expressed in both normal and tumor cells, and is involved in translocation with 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\|OTTHUMP00000033139\|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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