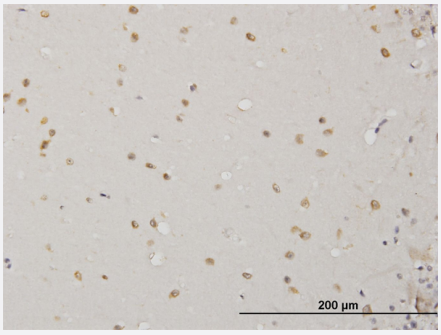
ABL2 monoclonal antibody (M09), clone 5C6

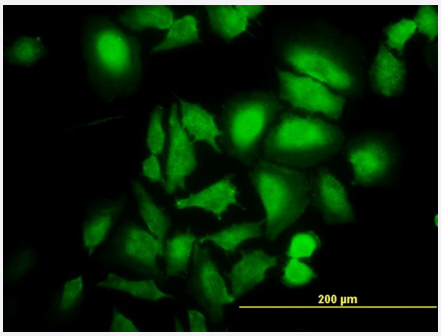
Catalog # H00000027-M09 Size 100 ug

Applications



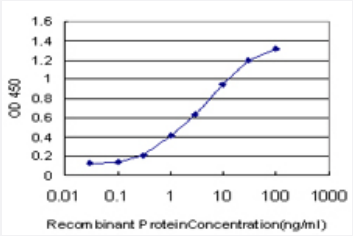
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ABL2 on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 1.5 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to ABL2 on HeLa cell. [antibody concentration 10 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABL2 is approximately 0.1ng/ml as a capture antibody.

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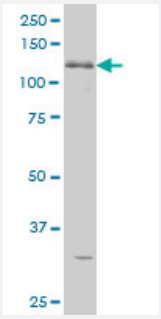
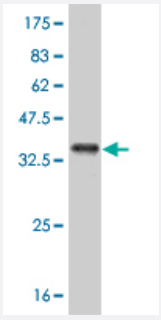


Western Blot (Cell lysate)

ABL2 monoclonal antibody (M09), clone 5C6 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.
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. 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.

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Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunoperoxidase of monoclonal antibody to ABL2 on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 1.5 ug/ml]

  Protocol Download

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to ABL2 on HeLa cell. [antibody concentration 10 ug/ml]

  Protocol Download

- ELISA

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged ABL2 is approximately 0.1ng/ml as a capture antibody.

  Protocol Download

- Western Blot (Cell lysate)

  ABL2 monoclonal antibody (M09), clone 5C6 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
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)

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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

Publication Reference

- Bosutinib prevents vascular leakage by reducing focal adhesion turnover and reinforcing junctional integrity.

  Botros L MD, Pronk MCA PhD, Juschten J MD, Liddle J, Morsing SKSH, van Buul JD PhD, Bates RH, Tuinman PR MD. PhD, van Bezu JSM, Huveneers S PhD, Bogaard HJ MD. PhD, van Hinsbergh VWM PhD, Hordijk PL PhD, Aman J MD. PhD.

  Journal of Cell Science 2020 May; 133(9):jcs240077.

  Application: WB, Human, HUVEC cell

Pathway

- ErbB signaling pathway

Disease

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

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- Osteoporosis

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