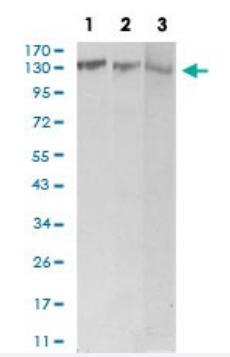
BCR monoclonal antibody, clone 1E11G12

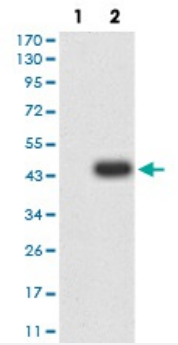
Catalog # MAB17546 Size 100 ug

Applications



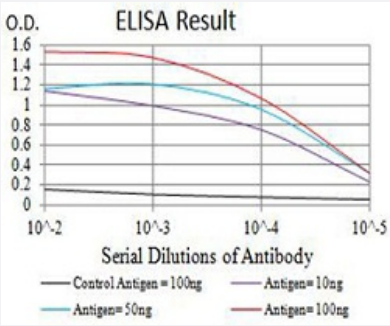
Western Blot (Cell lysate)

Western blot analysis of (1) Jurkat cell, (2) Hela cell, (3) Ramos cell with BCR monoclonal antibody.



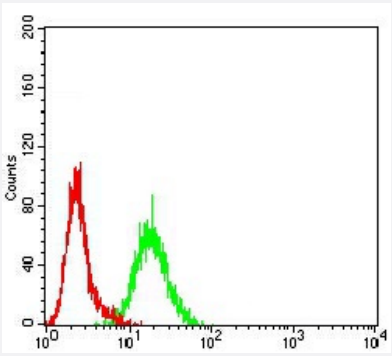
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) BCR-hIgGFc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of BCR monoclonal antibody, clone 1E11G12.



Flow Cytometry

Flow cytometric analysis of K562 cells with BCR monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human BCR.
Immunogen	Recombinant protein corresponding to amino acid 139-280 of human BCR from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	142.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry (1:200-1:400) Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of (1) Jurkat cell, (2) Hela cell, (3) Ramos cell with BCR monoclonal antibody.

- Western Blot (Transfected lysate)

  Western blot analysis of (1) HEK293 cells, (2) BCR-hIgGFc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of BCR monoclonal antibody, clone 1E11G12.

- Flow Cytometry

  Flow cytometric analysis of K562 cells with BCR monoclonal antibody (green) and negative control (red).

Gene Info — BCR

Entrez GeneID	613
Gene Name	BCR
Gene Alias	ALL, BCR-ABL1, BCR1, CML, D22S11, D22S662, FLJ16453, PHL
Gene Description	breakpoint cluster region
Omim ID	151410 608232
Gene Ontology	Hyperlink
Gene Summary	A reciprocal translocation between chromosomes 22 and 9 produces the Philadelphia chromoso me, which is often found in patients with chronic myelogenous leukemia. The chromosome 22 bre akpoint for this translocation is located within the BCR gene. The translocation produces a fusion protein which is encoded by sequence from both BCR and ABL, the gene at the chromosome 9 b reakpoint. Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a G TPase-activating protein for p21rac. Two transcript variants encoding different isoforms have bee n found for this gene. [provided by RefSeq
Other Designations	bcr-abl1 e14a3 chimeric protein

Pathway

- Chronic myeloid leukemia
- Pathways in cancer

Disease

- Alzheimer disease
- Angina Pectoris
- Bipolar Disorder
- Brief Psychiatric Rating Scale
- Chromosome Breakage
- Coronary Vasospasm
- Depressive Disorder
- Genetic Predisposition to Disease
- Leukemia
- Lung Neoplasms
- Pulmonary Disease
- Small Cell Lung Carcinoma
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome