

Rabbit anti-Human BCR Polyclonal Antibody | anti-BCR antibody

Rabbit anti-BCR Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211739	Rabbit	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunoprecipitation

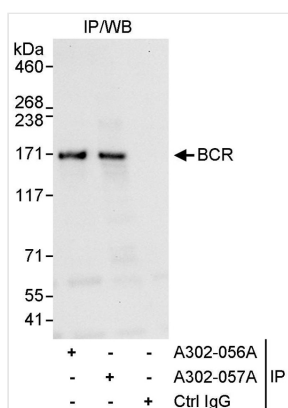
PRODUCT SYNONYMS

BCR; Polyclonal Antibody; Rabbit anti-BCR Antibody; Affinity Purified; D22S11; PHL; BCR/FGFR1 chimera protein; FGFR1/BCR chimera protein; renal carcinoma antigen NY-REN-26; D22S662; breakpoint cluster region protein; BCR1; ALL; breakpoint cluster region; CML; Breakpoint cluster region protein; RhoGEF and GTPase activating protein; anti-BCR antibody

PRODUCT SPECIFICATIONS

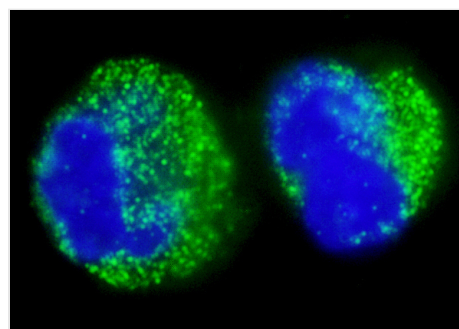
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BCR antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



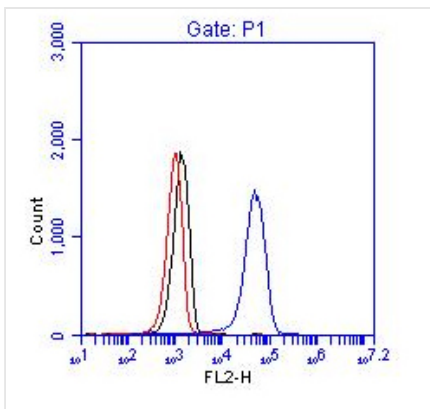
IP (Immunoprecipitation)

Detection of human BCR by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-BCR antibody AAA211739 used for IP at 10 ug/mg lysate. BCR was also immunoprecipitated by rabbit anti-BCR antibody which recognizes a downstream epitope. For blotting immunoprecipitated BCR, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



ICC (Immunocytochemistry)

Detection of human BCR by immunocytochemistry. Sample: FFPE section of human K-562 cells (contains the chromosomal translocation, t(9;22) that creates the BCR/ABL fusion gene). Antibody: Affinity purified rabbit anti-BCR (Cat. No. AAA211739) used at a dilution of 1:1,000 (1ug/ml). Detection: Green-fluorescent goat anti-rabbit IgG-Alexa Fluor 488 used at a dilution of 1:1,000.



FCM/FACS (Flow Cytometry)
 Detection of BCR. 1 x 10⁶ K-562 cells were fixed, permeabilized, and stained with 0.25 ug anti-BCR AAA211739 in a 150 ul reaction. Isotype anti-KLH control (black), no antibody (red) and anti-BCR AAA211739 (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-BCR antibody	BCR (breakpoint cluster region) was identified as part of a fusion protein that results from a reciprocal translocation with the ABL gene between chromosomes 22 and 9. The BCR-ABL fusion is the cause of chronic myeloid leukemia (CML). The BCR protein contains a C2 domain, a DBL-homology domain, a PH domain, and a Rho-GAP domain and functions as a GTPase-activating protein for RAC1 and CDC42.
Product Categories/Family for anti-BCR antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	613
UniProt Accession #	P11274
UniProt Protein Name	Breakpoint cluster region protein
UniProt Gene Name	BCR
UniProt Synonym Gene Names	BCR1; D22S11
UniProt Entry Name	BCR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcr-antibody-flow-cytometry-immunocytochemistry-immunoprecipitation-elisa/211739>