

## Recombinant Bcr Monoclonal Antibody

catalog number: **AN301879L**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

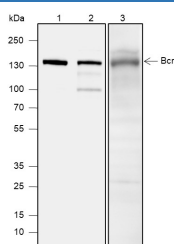
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Rat                                                       |
| <b>Immunogen</b>    | Recombinant human Bcr fragment                                  |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | IgG, κ                                                          |
| <b>Clone</b>        | C721501                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:1000 |
| <b>IHC</b> | 1:50         |

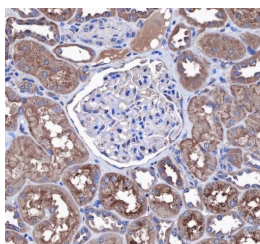
### Data



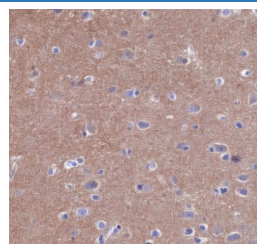
Western Blot with Bcr Monoclonal Antibody at dilution of 1:1000. Lane 1: Jurkat, Lane 2: HEK-293, Lane 3: PC-12

**Observed-MW:160 kDa**

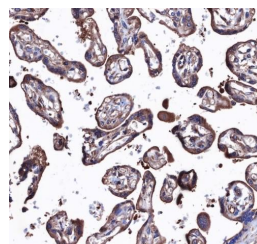
**Calculated-MW:160 kDa**



Immunohistochemistry of paraffin-embedded Human kidney using Bcr Monoclonal Antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Human cerebrum using Bcr Monoclonal Antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Human placenta using Bcr Monoclonal Antibody at dilution of 1:50.

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

Break point cluster region protein (Bcr) is encoded by the Bcr gene. The Bcr gene, mapping on chromosome22, was originally identified by its presence in the chimeric Bcr-Abl oncogene. 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 GTPase-activating protein for RAC1 and CDC42. A chromosomal aberration involving BCR has been found in patients with chronic myeloid leukemia.

### For Research Use Only

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Rev. V1.2

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