

# Product Datasheet

## CrkL Antibody (JE50-21) **NBP3-32222**

Unit Size: 100  $\mu$ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32222**

CrkL Antibody (JE50-21)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JE50-21
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	34 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	1399
<b>Gene Symbol</b>	CRKL
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human CrkL aa 254-303 / 303. (Uniprot: P46109)

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200

## Images

Western Blot: CrkL Antibody (JE50-21) [NBP3-32222] - Western blot analysis of CrkL on different lysates with Rabbit anti-CrkL antibody (NBP3-32222) at 1/1,000 dilution.

Lane 1: K-562 cell lysate (20 ug/Lane)  
 Lane 2: A431 cell lysate (20 ug/Lane)  
 Lane 3: HT-29 cell lysate (20 ug/Lane)  
 Lane 4: Jurkat cell lysate (20 ug/Lane)  
 Lane 5: NIH/3T3 cell lysate (20 ug/Lane)  
 Lane 6: C6 cell lysate (20 ug/Lane)  
 Lane 7: Mouse brain tissue lysate (40 ug/Lane)  
 Lane 8: Rat brain tissue lysate (40 ug/Lane)

Predicted band size: 34 kDa

Observed band size: 37 kDa

Exposure time: 5 minutes;

4-20% SDS-PAGE gel.

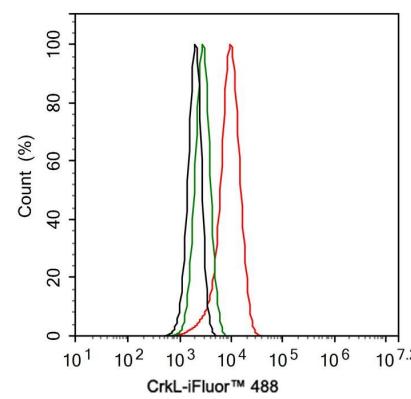
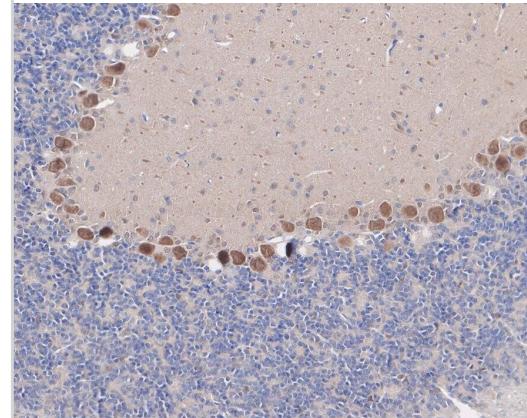
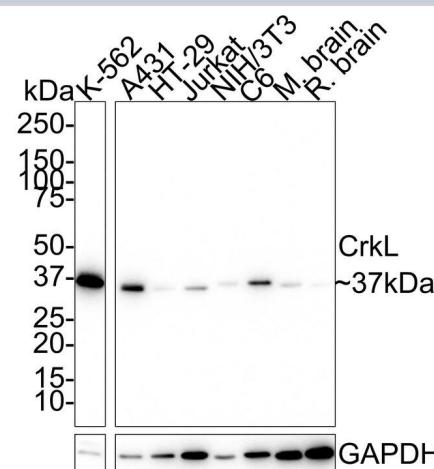
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32222) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: CrkL Antibody (JE50-21) [NBP3-32222] - Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue with Rabbit anti-CrkL antibody (NBP3-32222) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32222) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Flow Cytometry: CrkL Antibody (JE50-21) [NBP3-32222] - Flow cytometric analysis of A431 cells labeling CrkL.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32222, 1 $\mu$ g/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 $^{\circ}$ C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 $^{\circ}$ C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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## Products Related to NBP3-32222

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-50941-0.1mg	Recombinant Human CrkL His Protein

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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