

# Product Datasheet

## Rabies Virus Antibody (5B12) - Bulk Size **NB110-7542**

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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**NB110-7542****Rabies Virus Antibody (5B12) - Bulk Size****Product Information**

<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5B12
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

**Product Description**

<b>Host</b>	Mouse
<b>Species</b>	Mouse, Virus
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID:33176722) Use in canine reported in scientific literature (PMID: 23269806).
<b>Specificity/Sensitivity</b>	Specific to ribonucleoprotein.
<b>Immunogen</b>	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified rabies virus.

**Product Application Details**

<b>Applications</b>	Western Blot, Enzyme Immunoassay, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunocytochemistry/Immunofluorescence 1:10-1:2000, Immunohistochemistry-Paraffin, Enzyme Immunoassay
<b>Application Notes</b>	Use in IHC-P reported in scientific literature (PMID:33176722)

## Publications

Xu J, Gao J, Zhang M et al. Dynein- and kinesin- mediated intracellular transport on microtubules facilitates RABV infection Veterinary microbiology Sep 20 2021 12:00AM [PMID: 34555731] (WB)

Gao J, Wang X, Zhao M et al. Entry of Challenge Virus Standard (CVS) -11 into N2a cells via a clathrin-mediated, cholesterol-, dynamin-, pH-dependent endocytic pathway Virol J 2019 Jun 13 [PMID: 31196105] (WB)

Details:

Citation using the Bulk Size format of this antibody

Chen Z, Zhou M, Gao X et al A novel rabies vaccine based on a recombinant parainfluenza virus 5 expressing rabies virus glycoprotein. J Virol 2012 Dec 26 [PMID: 23269806] (ICC/IF)

Details:

Citation using the Bulk Size format of this antibody

Yudhawati R, Amin M, Rantam FA et al. Bone marrow-derived mesenchymal stem cells attenuate pulmonary inflammation and lung damage caused by highly pathogenic avian influenza A/H5N1 virus in BALB/c mice BMC Infect Dis Nov 11 2020 12:00AM [PMID: 33176722] (IHC-P, Mouse)

Details:

Immunohistochemical analysis of mouse lung that had been damaged by avian influenza A/H5N1.

Gao J, Wang X, Zhao M et al. Entry of Challenge Virus Standard (CVS) -11 into N2a cells via a clathrin-mediated, cholesterol-, dynamin-, pH-dependent endocytic pathway Virol. J. 2019 Jun 13 [PMID: 31196105] (WB)

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## 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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