

# Product Datasheet

## Synuclein alpha/beta Antibody (ST05-21) NBP2-67537

Unit Size: 100 ul

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

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**NBP2-67537****Synuclein alpha/beta Antibody (ST05-21)****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>	ST05-21
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

**Product Description**

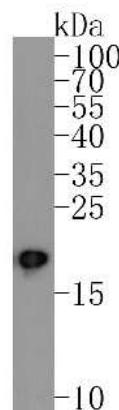
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	SNCA
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human Synuclein alpha/beta aa 2-50 / 140. (SwissProt: P37840 Human; SwissProt: Q16143 Human; SwissProt: O55042 Mouse; SwissProt: Q91ZZ3 Mouse; SwissProt: P37377 Rat; SwissProt: Q63754 Rat)

**Product Application Details**

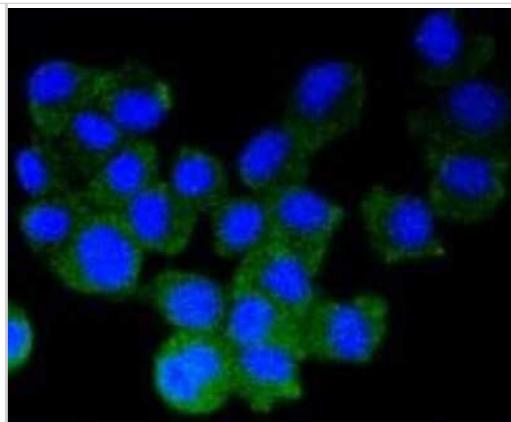
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

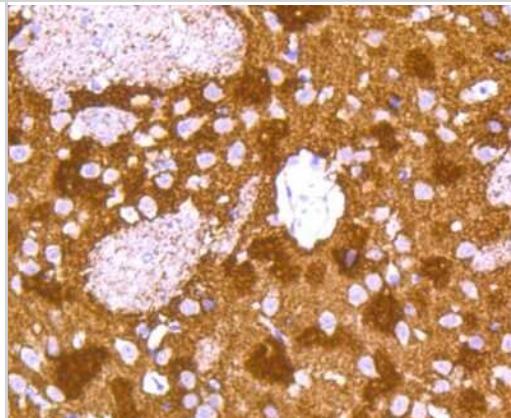
Western Blot: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Western blot analysis of Synuclein alpha/beta on rat brain tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for



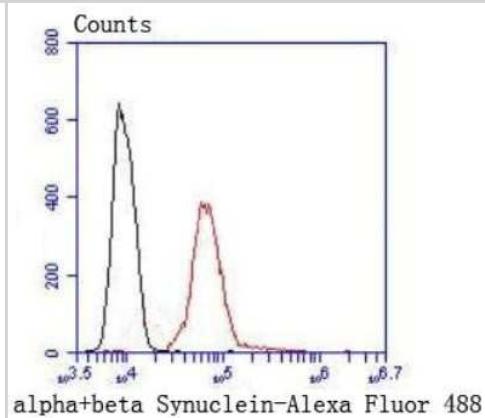
Immunocytochemistry/Immunofluorescence: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Staining alpha+beta Synuclein in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



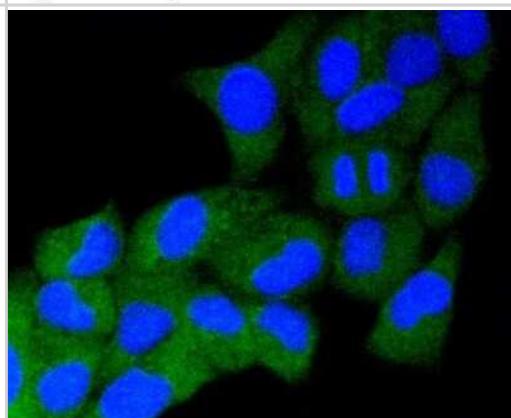
Immunohistochemistry-Paraffin: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Analysis of paraffin-embedded rat brain tissue using anti-alpha+beta Synuclein antibody. Counter stained with hematoxylin.



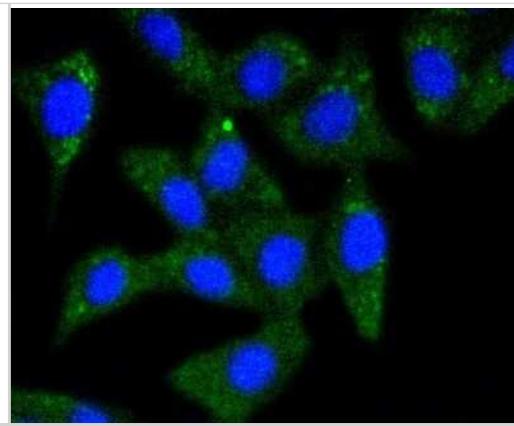
Flow Cytometry: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Flow cytometric analysis of Synuclein alpha/beta was done on HeLa cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



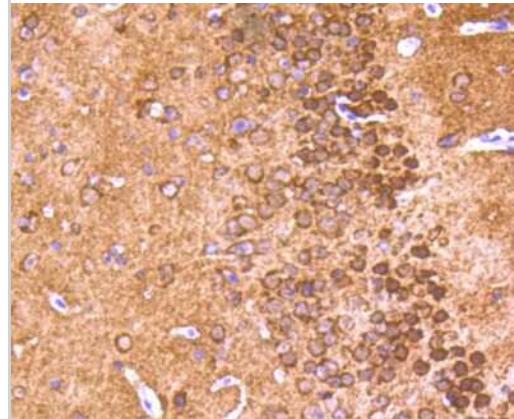
Immunocytochemistry/Immunofluorescence: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Staining alpha+beta Synuclein in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



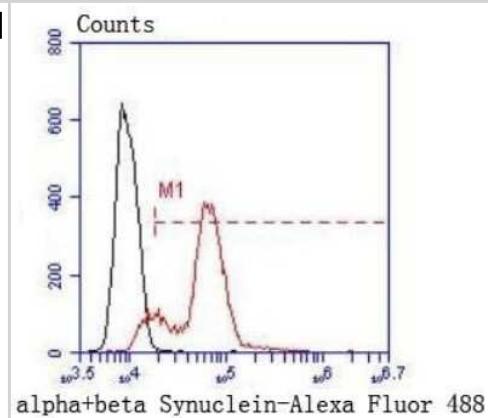
Immunocytochemistry/Immunofluorescence: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Staining alpha+beta Synuclein in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Analysis of paraffin-embedded mouse brain tissue using anti-alpha+beta Synuclein antibody. Counter stained with hematoxylin.



Flow Cytometry: Synuclein alpha/beta Antibody (ST05-21) [NBP2-67537] - Analysis of HeLa cells with alpha+beta Synuclein antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody





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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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