

Product Datasheet

NCAM Recombinant Rabbit Monoclonal Antibody (orb1183968)

Catalog Number	orb1183968
Category	Antibodies
Description	NCAM Recombinant Rabbit Monoclonal Antibody
Target	NCAM1
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human NCAM
UniProt ID	P13591
MW	120-180 kDa

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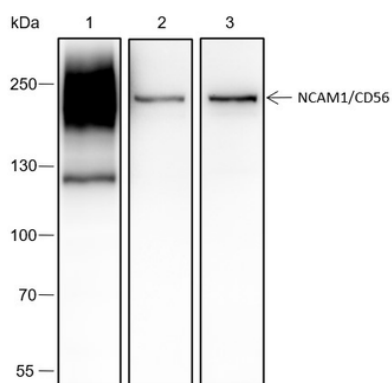
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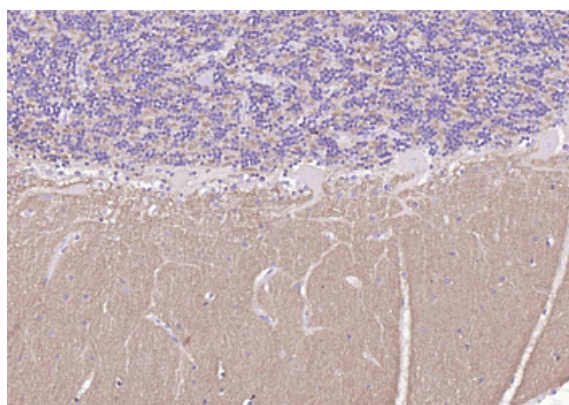
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Clone Number	B0E5
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blocking buffer: 5% NFDM/TBST, Primary Ab Dilution: 1:2000, Primary Ab incubation condition: 2 hours at room temperature, Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP), Lysate: 1: SH-SY5Y, 2: Mouse cerebellum, 3: Rat cerebellum, Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 95 kDa, Observed MW: 140-180 kDa.



Paraformaldehyde-fixed, paraffin embedded (human cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (NCAM) Monoclonal Antibody, Unconjugated (orb1183968) at 1:100 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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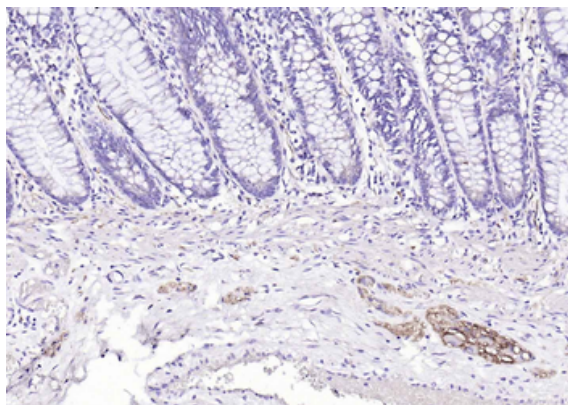
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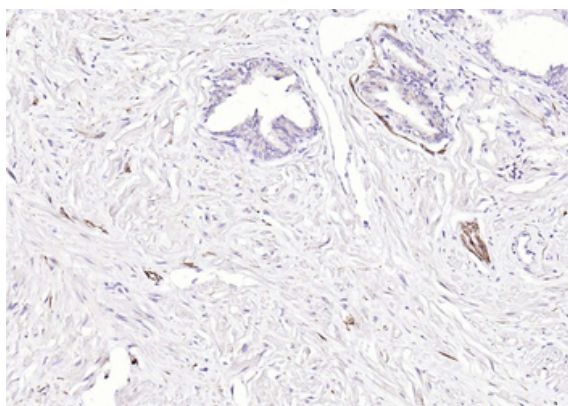
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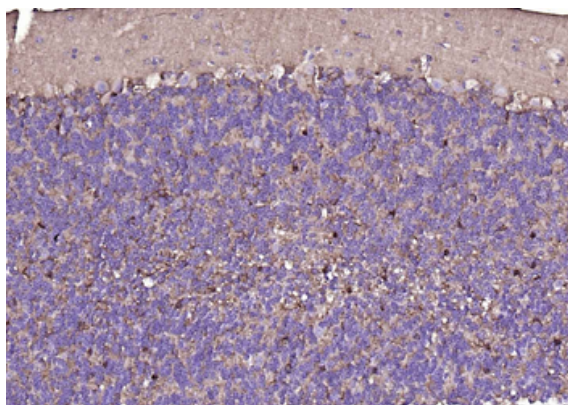
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Paraformaldehyde-fixed, paraffin embedded (human colon), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (NCAM) Monoclonal Antibody, Unconjugated (orb1183968) at 1:100 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human Prostate), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (NCAM) Monoclonal Antibody, Unconjugated (orb1183968) at 1:100 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (NCAM) Monoclonal Antibody, Unconjugated (orb1183968) at 1:100 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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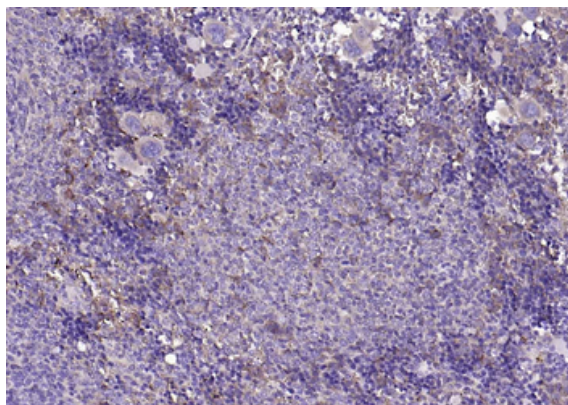
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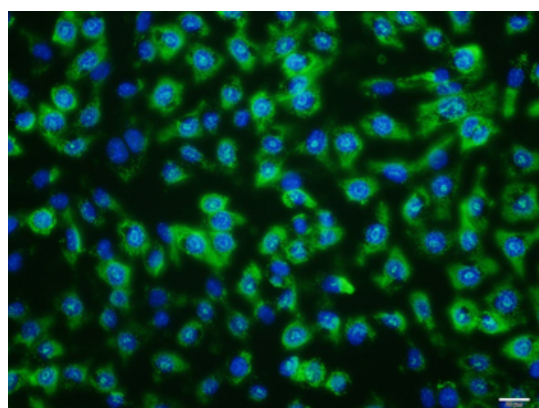
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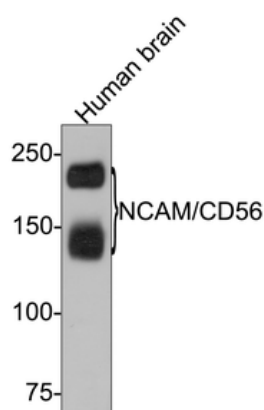
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Paraformaldehyde-fixed, paraffin embedded (mouse spleen), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (NCAM) Monoclonal Antibody, Unconjugated (orb1183968) at 1:100 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



SH-SY5Y cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (NCAM,) monoclonal Antibody, Unconjugated (orb1183968) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Western blot analysis of NCAM/CD56 on human brain tissue lysates with Rabbit anti-NCAM/CD56 antibody (orb1183968) at 1/2000 dilution. Lysates/proteins at 20 µg/Lane. Predicted band size: 95 kDa, Observed band size: 140/180 kDa, Exposure time: 30 seconds, 6% SDS-PAGE gel.

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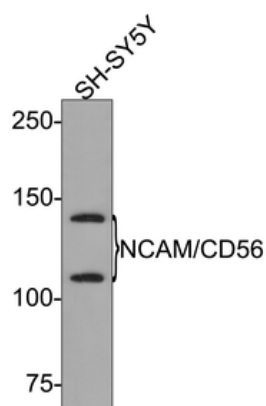
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Western blot analysis of NCAM/CD56 on SH-SY5Y cell lysates with Rabbit anti-NCAM/CD56 antibody (orb1183968) at 1/500 dilution. Lysates/proteins at 10 μ g/Lane. Predicted band size: 95 kDa, Observed band size: 120/140 kDa, Exposure time: 2 minutes, 6% SDS-PAGE gel.

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