

Product Datasheet

TUBB3 (Neuronal Marker) Mouse Monoclonal Antibody (orb500843)

Catalog Number	orb500843
Category	Antibodies
Description	TUBB3 (Neuronal Marker) Mouse Monoclonal Antibody
Target	TUBB3
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, 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 G
Immunogen	KLH conjugated synthetic peptide derived from human TUBB3
UniProt ID	Q13509
MW	50 kDa

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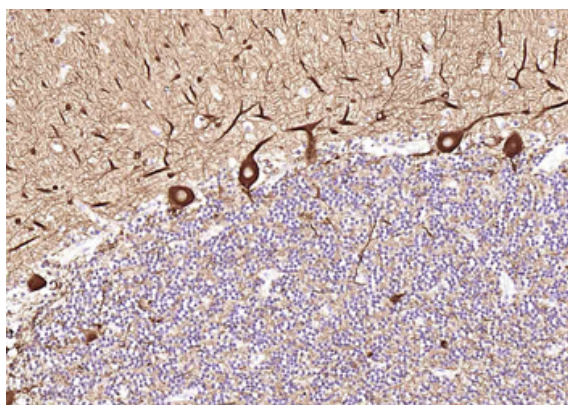
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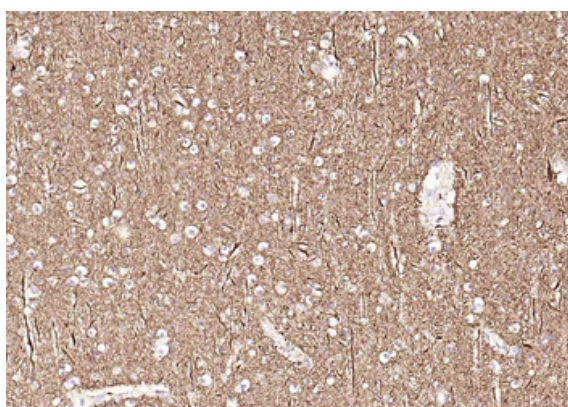
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Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:1000-10000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000, Flow-Cyt=1µg/Test
Antibody Type	Primary Antibody
Clone Number	6F12
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. 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.



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 (TUBB3 (Neuronal Marker)) Monoclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human left parietal lobe), 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 (TUBB3 (Neuronal Marker)) Monoclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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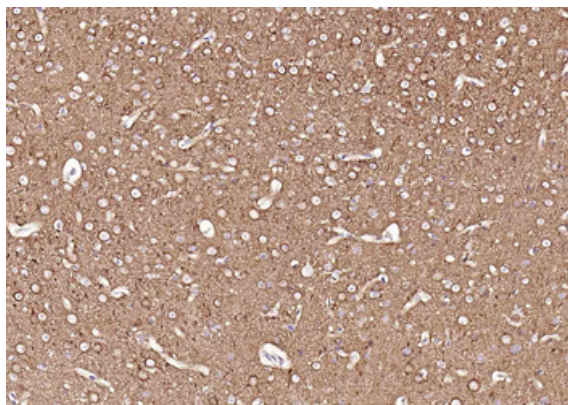
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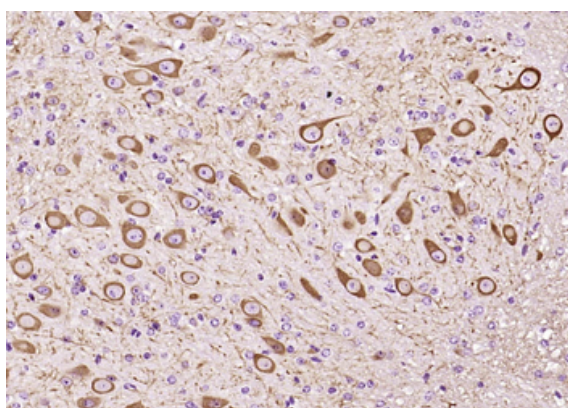
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Paraformaldehyde-fixed, paraffin embedded (mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (TUBB3 (Neuronal Marker)) Monoclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) 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, Antibody incubation with (TUBB3) Polyclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain), 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 (TUBB3 (Neuronal Marker)) Monoclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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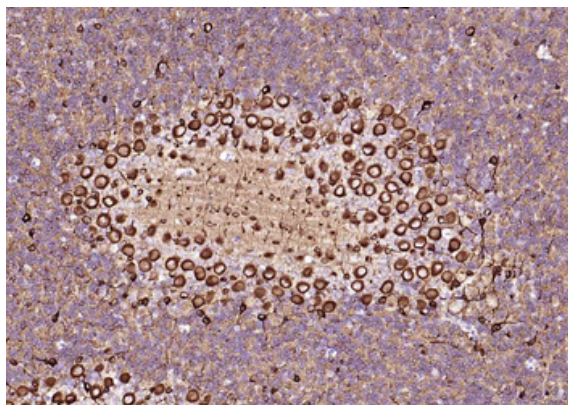
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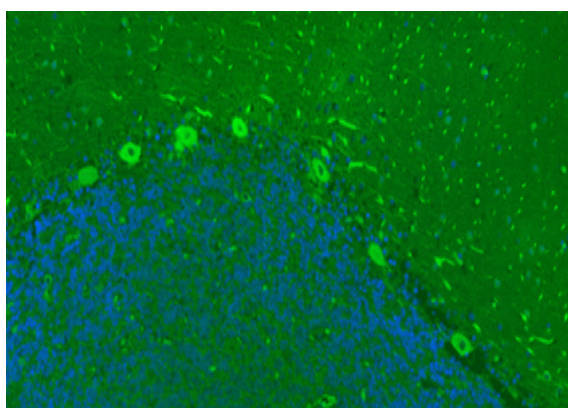
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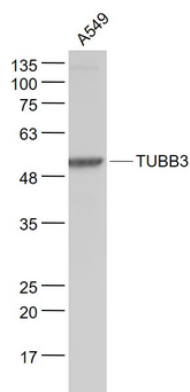
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Paraformaldehyde-fixed, paraffin embedded (rat cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (TUBB3 (Neuronal Marker)) Monoclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebellum, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with TUBB3 (Neuronal Marker) Monoclonal Antibody, Unconjugated (orb500843) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green), DAPI (blue) was used to stain the cell nuclei.



Sample: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-TUBB3 (orb500843) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 50 kD, Observed band size: 50 kD.

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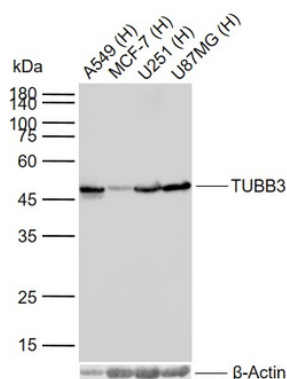
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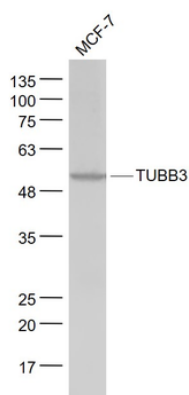
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Sample: Lane 1: Human A549 cell lysates, Lane 2: Human MCF-7 cell lysates, Lane 3: Human U251 cell lysates, Lane 4: Human U87MG cell lysates, Primary: Anti-TUBB3 (orb500843) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 50 kDa, Observed band size: 47 kDa.



Sample: MCF-7 (Human) Cell Lysate at 30 ug, Primary: Anti-TUBB3 (orb500843) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 50 kD, Observed band size: 50 kD.

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