

Product Datasheet

S100 beta Recombinant Rabbit Monoclonal Antibody (orb612224)

Catalog Number	orb612224
Category	Antibodies
Description	S100 beta Recombinant Rabbit Monoclonal Antibody
Target	S100B
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat, Zebrafish
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	A synthesized peptide derived from human S100B (50-92aa)
UniProt ID	P04271
MW	10 kDa

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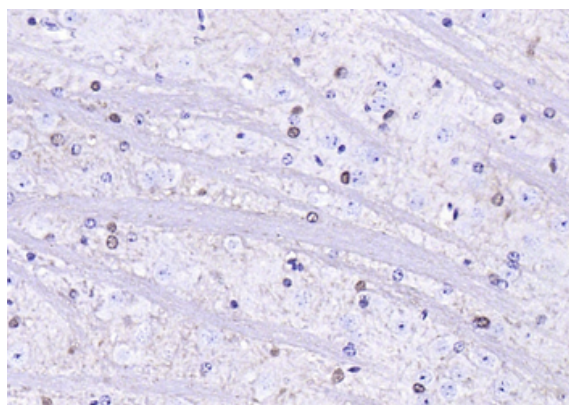
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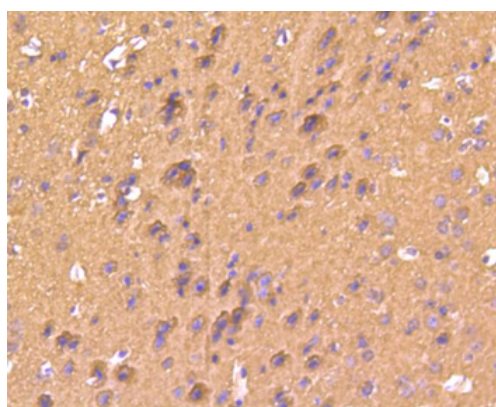
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Tested applications	FC, ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1:50-100, ICC/IF=1:50-200
Antibody Type	Primary Antibody
Clone Number	B48E5
Storage	Maintain refrigerated at 2-8°C 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 (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, Antibody incubation with (S100 beta) Monoclonal Antibody, Unconjugated (orb612224) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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, Antibody incubation with (S100 beta) Monoclonal Antibody, Unconjugated (orb612224) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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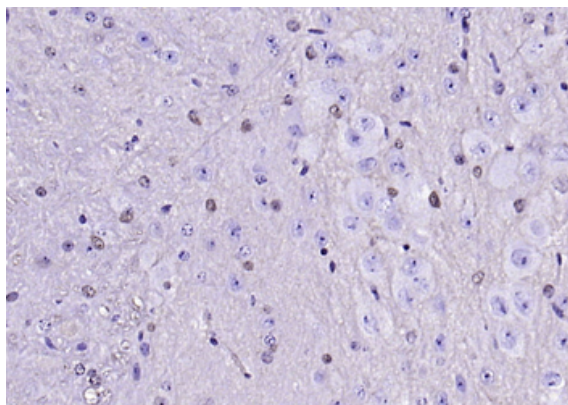
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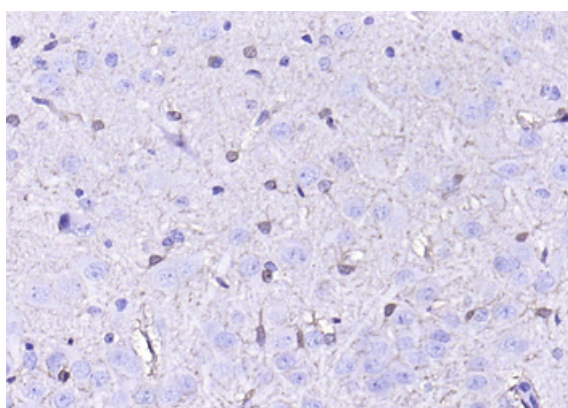
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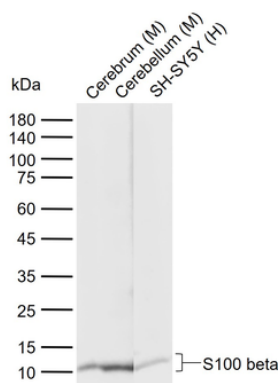
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Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (S100 beta) Monoclonal Antibody, Unconjugated (orb612224) 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, Antibody incubation with (S100 beta) Monoclonal Antibody, Unconjugated (orb612224) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Mouse Cerebrum tissue lysates, Lane 2: Mouse Cerebellum tissue lysates, Lane 3: Human SH-SY5Y cell lysates, Primary: Anti-S100 beta (orb612224) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 10 kDa, Observed band size: 10 kDa.

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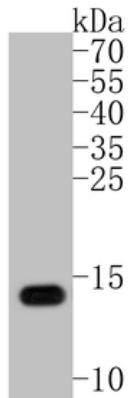
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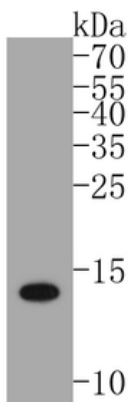
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Sample: Lane 1: mouse liver tissue lysates, Primary: Anti-S100 beta (orb612224) at 1:500 dilution, Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution, Predicted band size: 10 kD, Observed band size: 13 kD.



Sample: Lane 1: zebrafish tissue tissue lysates, Primary: Anti-S100 beta (orb612224) at 1:500 dilution, Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution, Predicted band size: 10 kD, Observed band size: 13 kD.

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