

Product Datasheet

S100A4 Rabbit Polyclonal Antibody (orb6910)

Catalog Number	orb6910
Category	Antibodies
Description	S100A4 Rabbit Polyclonal Antibody
Target	S100A4
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Guinea pig, Porcine, Rabbit
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 S100A4 (15-101/101aa)
UniProt ID	P26447
RRID	AB_10933874
MW	12 kDa

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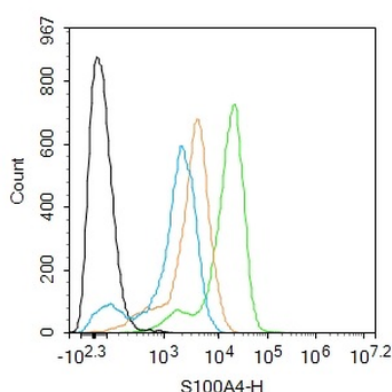
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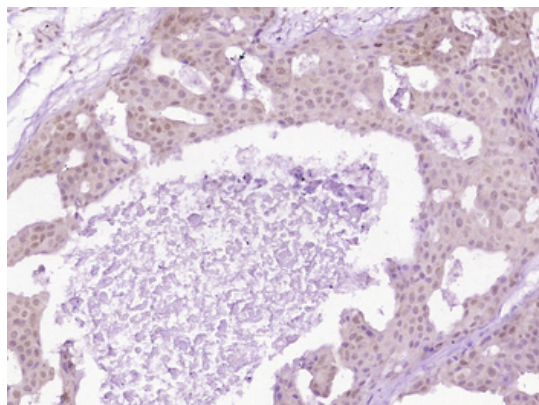
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Tested applications	FC, IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only



Blank control: THP-1. Primary Antibody (green line): Rabbit Anti-S100A4 antibody (orb6910), dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 0.5 ug/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma), 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 (S100A4) Polyclonal Antibody, Unconjugated (orb6910) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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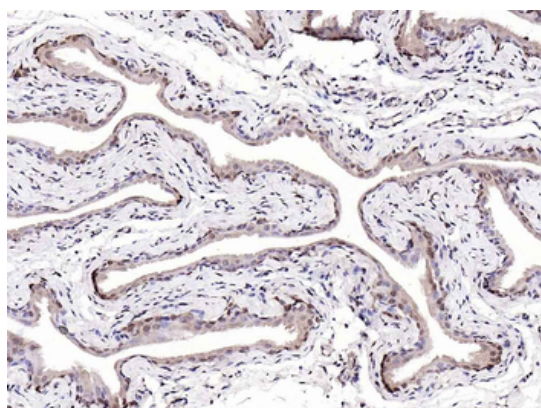
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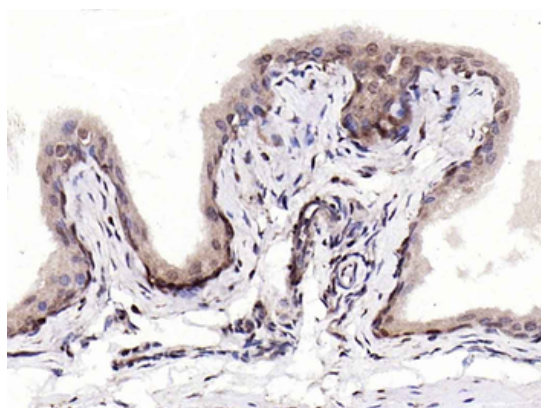
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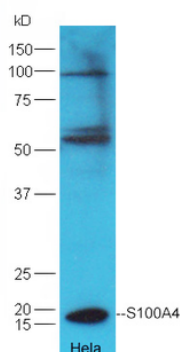
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Paraformaldehyde-fixed, paraffin embedded (mouse bladder), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (S100A4) Polyclonal Antibody, Unconjugated (orb6910) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat bladder), 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 (S100A4) Polyclonal Antibody, Unconjugated (orb6910) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: HeLa Cell lysate at 30 ug, Primary: Anti-S100A4 (orb6910) at 1:300 dilution, Secondary: HRP conjugated Goat-Anti-Rabbit IgG (orb572747) at 1:5000 dilution, Predicted band size: 12 kD, Observed band size: 15 kD.

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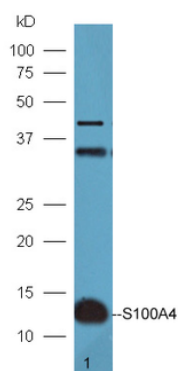
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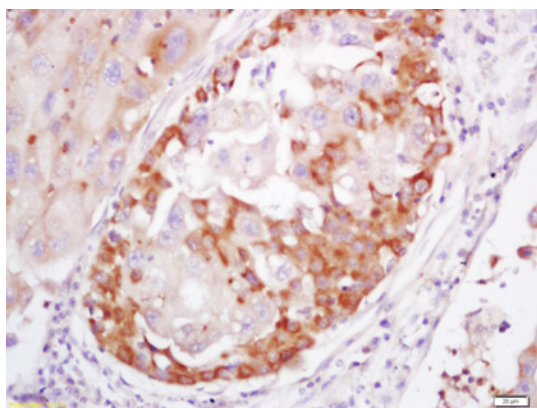
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Sample: Raji Cell lysate at 30 ug, Primary: Anti-S100A4 (orb6910) at 1:300 dilution, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1:5000 dilution, Predicted band size: 12 kD, Observed band size: 12 kD.



Tissue/Cell: human lung cancer, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-S100A4 Polyclonal Antibody, Unconjugated (orb6910) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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