



# Magic™ Anti-S100 monoclonal antibody, clone N23290 (DCABY-4624)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	S100 antibody was raised as a recombinant Fab in a phage display system using purified human S100 as the immunogen
<b>Isotype</b>	IgG1
<b>Species Reactivity</b>	Human
<b>Clone</b>	N23290
<b>Purification</b>	S100 antibody was purified by Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Pr*, WB Suggested pair for sandwich ELISA (Capture - Detection): <a href="#">DCABY-4813</a> - DCABY-4624
<b>Format</b>	Liquid
<b>Size</b>	500 µg
<b>Buffer</b>	Supplied in liquid form in a 0.01M phosphate buffer pH 7.4 containing 0.15M NaCl and 0.05% NaN3
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 2-8 °C for short term storage. Aliquot and store at -15 °C for long term storage.

## BACKGROUND

**Introduction** S-100 protein is a family of low molecular weight protein found in vertebrates characterized by

two calcium binding sites of the helix-loop-helix conformation. There are at least 21 different types of S100 proteins. which are involved in regulation of protein phosphorylation, transcription factors, Ca++ homeostasis, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, and the inflammatory response.

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<b>Keywords</b>	S100; S-100; S100 Astrocyte Marker; S100 Protein;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">6271</a>
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<b>UniProt ID</b>	<a href="#">B2R5D9</a>
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