



Magic™ Anti-S100 monoclonal antibody, clone 7H2 (DCABY-4620)

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

PRODUCT INFORMATION

Specificity	Human
Immunogen	S100 antibody was raised in mouse using human brain S-100 protein as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	7H2
Purification	S100 antibody was purified by chromatography on protein A Sepharose.
Conjugate	Unconjugated
Applications	ELISA Pr*, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4621 - DCABY-4620
Format	Liquid
Size	1 mg
Buffer	Protein A purified and supplied in 10mM PBS, pH 7.4, with 0.1 % NaN ₃ .
Preservative	0.1% Sodium Azide
Storage	Store at 4 °C

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.

Keywords

S100; S-100; S 100; S100 Protein; S100 Astrocyte Marker;

GENE INFORMATION

Entrez Gene ID

[6271](#)

UniProt ID

[B2R5D9](#)