

Anti-S100B antibody (2-92 aa) [ABT094] (STJ197266)

STJ197266

GENERAL INFORMATION

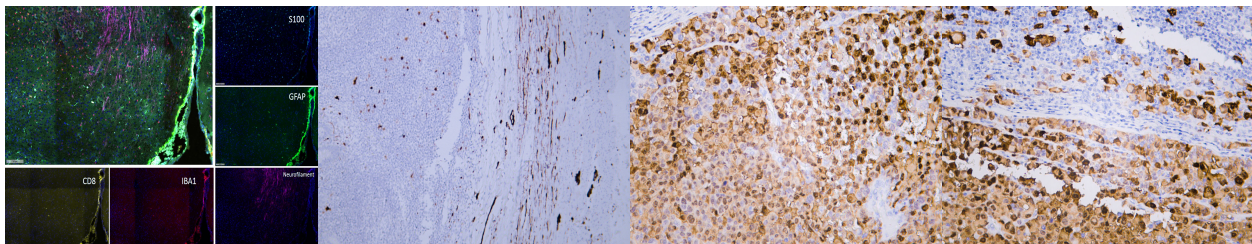
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Protein S100-B (2-92 aa) is suitable for use in Immunohistochemistry and Immunofluorescence research applications.
Applications	IHC/IF
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	ABT094
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	IHC-P 1:100-500 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2ak
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

Gene ID	6285
Gene Symbol	S100B
Uniprot ID	S100B_HUMAN
Immunogen	Synthesized peptide derived from the human S100 at the amino acid range 2-92
Immunogen Region	2-92 aa
Specificity	The antibody can specifically recognize human S100B protein, and has a weak reaction with S100A1, but no cross reaction with S100A4 or S100A6.
Immunogen Sequence	



Fluorescence multiplex immunohistochemical analysis of mouse brain tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit. GFAP mouse monoclonal antibody (STJA006242 green), S100 mouse monoclonal antibody (STJ197266 cyan), Neurofilament mouse monoclonal antibody (purple), Iba 1 mouse monoclonal antibody (red), CD8 a mouse monoclonal antibody (yellow). The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).

Human appendix tissue was stained with Anti-S100 (ABT094) Antibody

Human malignant melanoma tissue was stained with Anti-S100 (ABT094) Antibody

Human malignant melanoma tissue was stained with Anti-S100 (ABT094) Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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