

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC/IF
Host / Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

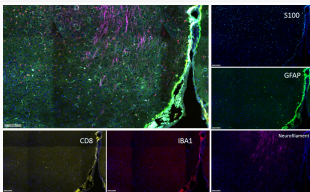
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	IHC-P 1:100-500 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2ak
Molecular Weight	Calculated: 11kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

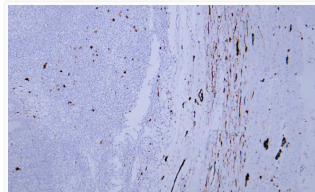
Gene ID	6285
Gene Symbol	S100B
UniProt ID	S100B_HUMAN
Immunogen Region	2-92 aa
Specificity	The antibody can specifically recognize human S100B protein, and has a weak reaction with S100A1, but no cross reaction with S100A4 or S100A6.

ADDITIONAL INFORMATION

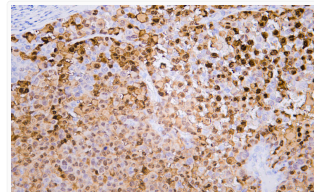
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



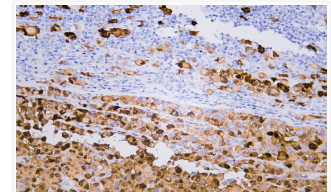
Fluorescence multiplex immunohistochemical analysis of mouse brain tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit. GFAP mouse monoclonal antibody (STJA006242 green), S100 mouse monoclonal antibody (STJ197266 cyan), Neurofilament mouse 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 (Exilone).



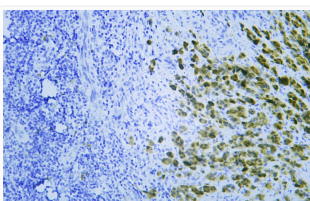
Human appendix tissue was stained with Anti-S100 (ABT094) Antibody



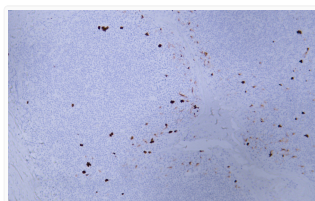
Human malignant melanoma tissue was stained with Anti-S100 (ABT094) Antibody



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



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



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