S100 beta antibody [SH-B4]

Cat. No. GTX11179

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-P, IHC-Fr, ELISA
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Sheep, Bovine, Cat, Dog, Pig

References (4)
Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	1:100
IHC-Fr	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

Product Note

Recognizes an epitope located on the β chain (i.e. in S-100a and S-100b) but not on the α chain of S-100 (i.e. in S-100a and S-100ao). In ELISA, recognition of S-100 subunit by clone SH-B4 is Ca2+-dependent. The product does not react with other members of the EF-hand family such as, calmodulin, parvalbumin, intestinal calcium-binding protein and myosin light chain. In immunohistochemistry, the antibody detects normal and neoplastic S-100 β subunit-containing cells (e.g. Schwann cells, chondrocytes, melanocytes, and melanotic tumors) in protease-digested, formalin-fixed, paraffin-embedded tissues.

Properties

Form	Liquid
Buffer	Ascites
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Immunogen	bovine brain S-100b
Purification	Unpurified
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

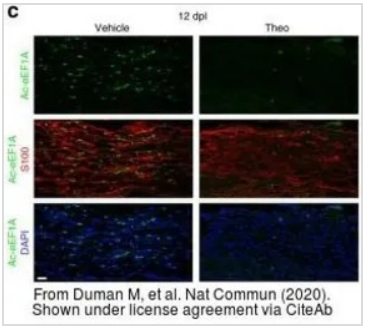
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

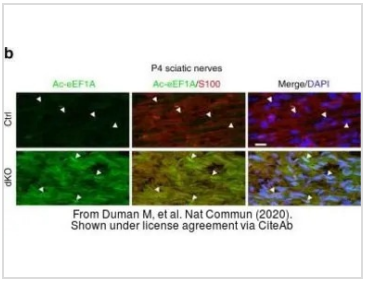
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX11179 IHC-Fr Image

The data was published in the journal Nat Commun in 2020.PMID: 32647127



GTX11179 IHC-Fr Image

The data was published in the journal Nat Commun in 2020.PMID: 32647127

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com