S100A4 Monoclonal Antibody

Catalog No. E-AB-71015

Note: Centrifuge before opening to ensure complete recovery of vial contents.

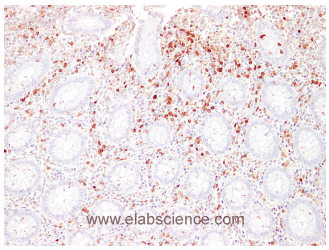
Description

Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE0231
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

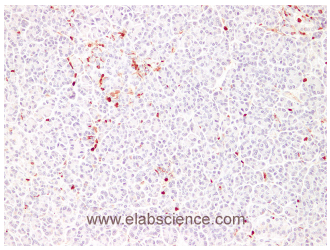
Applications Recommended Dilution

IHC 1:100-1:200

Data



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human appendix using S100A4 Monoclonal Antibody with Cat#E-AB-71015 at dilution of 1:200.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human pancreas tissue using with Cat#E-AB-71015 at dilution of 1:200.

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

S100A4 (S100 Calcium Binding Protein A4) is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Diseases associated with S100A4 include Bile Duct Adenocarcinoma and Pancreatic Cancer. Among its related pathways are Ca, cAMP and Lipid Signaling.

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