

S100A2 FISH Probe

Catalog # FA0048 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We strongly recommend the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — S100A2

Entrez GeneID	6273
Gene Name	S100A2
Gene Alias	CAN19, MGC111539, S100L
Gene Description	S100 calcium binding protein A2

Omim ID [176993](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene 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. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer. [provided by RefSeq]

Other Designations OTTHUMP00000032968|OTTHUMP00000032969|S100 calcium-binding protein A2

Disease

- [Carcinoma](#)
- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Narcolepsy](#)
- [Psoriasis](#)