

ARG11050 anti-S100A7 / Psoriasin antibody [2A3]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [2A3] recognizes S100A7 / Psoriasin
Tested Reactivity	Hu
Tested Application	IHC-P
Specificity	This antibody is reactive to S100A7 peptide (TDYHKQSHGAAPCSGGS) and GST tagged recombinant S100A7 .
Host	Mouse
Clonality	Monoclonal
Clone	2A3
Isotype	IgG1, kappa
Target Name	S100A7 / Psoriasin
Species	Human
Immunogen	KLH-conjugated synthetic peptide of Human S100A7. (TDYHKQSHGAAPCSGGS)
Conjugation	Un-conjugated
Alternate Names	S100A7c; S100 calcium-binding protein A7; PSOR1; Psoriasin; Protein S100-A7

Application Instructions

Application table	Application	Dilution
	IHC-P	20 µg/ml
Application Note	IHC-P: Antigen retrieval: Heat induced. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

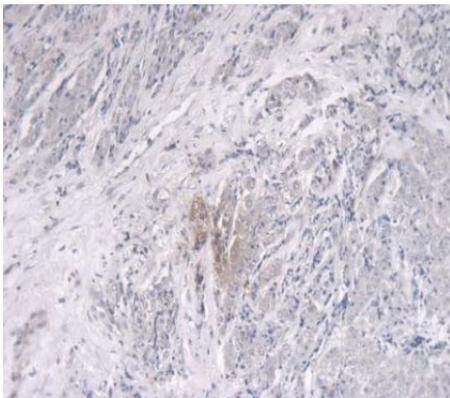
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.0)
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

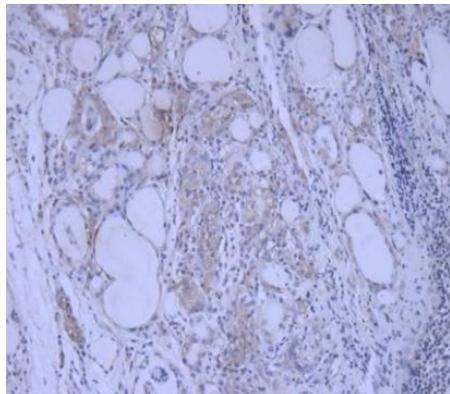
Gene Symbol	S100A7
Gene Full Name	S100 calcium binding protein A7
Background	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the 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 differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities. [provided by RefSeq, Nov 2014]
Calculated Mw	11 kDa

Images



ARG11050 anti-S100A7 / Psoriasin antibody [2A3] IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast cancer tissue stained with ARG11050 anti-S100A7 / Psoriasin antibody [2A3] at 20 µg/ml dilution. Antigen retrieval: Heat induced.



ARG11050 anti-S100A7 / Psoriasin antibody [2A3] IHC-P image

Immunohistochemistry: Paraffin-embedded Human thyroid cancer tissue stained with ARG11050 anti-S100A7 / Psoriasin antibody [2A3] at 20 µg/ml dilution. Antigen retrieval: Heat induced.