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Datasheet for ABIN914172

anti-S100A2 antibody (AA 20-98) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	S100A2
Binding Specificity:	AA 20-98
Reactivity:	Human, Lizard
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A2 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human S100 alpha 2
Isotype:	IgG
Cross-Reactivity:	Human, Lizard
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Cat,Goat
Purification:	Purified by Protein A.

Target Details

Target:	S100A2
Alternative Name:	S100 alpha 2 (S100A2 Products)

Target Details

Background:	<p>Synonyms: S100 calcium binding protein A2, CAN19, MGC111539, Protein S 100L, Protein S-100L, Protein S100 A2, Protein S100-A2, Protein S100L, S100 A2, S100 calcium-binding protein A2, S100A2, S100L, S10A2_HUMAN.</p> <p>Background: The protein encoded by this gene is a member of the S100family 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.</p>
Gene ID:	6273
Pathways:	S100 Proteins

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months