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Datasheet for ABIN5010160

## anti-S100A2 antibody (AA 20-98) (AbBy Fluor® 680)

### 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 AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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 ( <a href="#">S100A2 Products</a> )

## Target Details

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**Background:** 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.

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 may have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer.

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**Gene ID:** 6273

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**Pathways:** [S100 Proteins](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months