



Mouse Anti-Human S100A7 Monoclonal Antibody Datasheet

Product Name: mAb anti-human S100A7

Clone No.: 2E6

Catalogue No.: MO-T40088B

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human S100A7 (psoriasin)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human S100A7 (psoriasin)

Immunogen: A short peptide (tdyhkqshgaapcsggs) derived from human S100A7 (psoriasin) was conjugated with KLH for immunization.

Fusion Myeloma: Sp2/0-Ag14

Specificity: This antibody is reactive to S100A7 peptide (tdyhkqshgaapcsggs) and GST tagged recombinant S100A7 protein.

Species Reactivity: Human, others not tested

Host / Isotype: Mouse, IgG2b Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.0

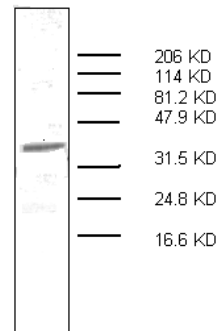
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Oncology, psoriasis

Background: S100A7 is 11 kilo-dalton calcium binding protein with 2 EF motifs. It is also called psoriasin due to its significantly elevated level in the skin lesion of psoriasis. The protein is over-expressed in squamous cell tumors of the skin, lung and breast. S100A7 expression is induced after activation of epidermal growth factor receptor.

Applications: **Western blot:** This antibody is reactive to 36.85KD GST tagged recombinant S100A7 protein.



The GST tagged recombinant S100A7 was loaded at 200ng/lane. The anti- S100A7 clone 2E6 was used at 1µg/mL, and the HRP conjugated goat anti-mouse IgG was used at 1:2,000 dilution.

IHC: This antibody reacts with breast cancer tissue section. The sections were treated by heat induced epitope retrieval before primary antibody (20µg/mL) was added. The secondary antibody was an HRP-labelled goat anti-

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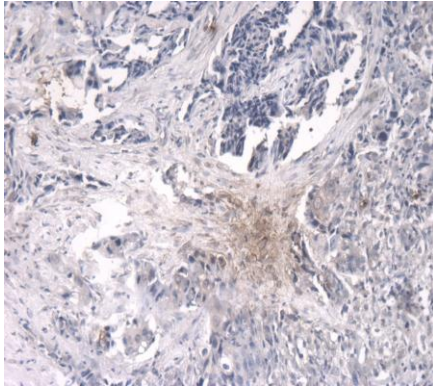
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mouse IgG antibody.



(Breast cancer section)

ELISA: This antibody is reactive to recombinant S100A7 protein.

References:

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