

**S100A11 Antibody (Y32) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2807a****Specification**

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**S100A11 Antibody (Y32) Blocking Peptide - Product Information**Primary Accession [P31949](#)**S100A11 Antibody (Y32) Blocking Peptide - Additional Information****Gene ID** 6282**Other Names**

Protein S100-A11, Calgizzarin, Metastatic lymph node gene 70 protein, MLN 70, Protein S100-C, S100 calcium-binding protein A11, Protein S100-A11, N-terminally processed, S100A11, MLN70, S100C

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2807a](/products/AP2807a) was selected from the Y32 region of human S100A11. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**S100A11 Antibody (Y32) Blocking Peptide - Protein Information****Name** S100A11**Synonyms** MLN70, S100C**Function**

Facilitates the differentiation and the cornification of keratinocytes.

**Cellular Location**

Cytoplasm. Nucleus

**S100A11 Antibody (Y32) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **S100A11 Antibody (Y32) Blocking Peptide - Images**

#### **S100A11 Antibody (Y32) Blocking Peptide - Background**

S100A11 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. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of S100A11 gene have been implicated in tumor metastasis.

#### **S100A11 Antibody (Y32) Blocking Peptide - References**

Fernandez-Fernandez, M.R., Protein Sci. 17 (10), 1663-1670 (2008) Kouno, T., J. Pept. Sci. 14 (10), 1129-1138 (2008) Cecil, D.L., J. Immunol. 180 (12), 8378-8385 (2008)