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Phospho-S100A11(Y32) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3601a

Specification

Phospho-S100A11(Y32) Antibody Blocking peptide - Product Information

Primary Accession P31949

Phospho-S100A11(Y32) Antibody 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 AP3601a was selected from the region of human Phospho-S100A11-pY32. 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.

Phospho-S100A11(Y32) Antibody Blocking peptide - Protein Information

Name S100A11

Synonyms MLN70, S100C

Function
Facilitates the differentiation and the cornification of keratinocytes.

Cellular Location
Cytoplasm. Nucleus

Phospho-S100A11(Y32) Antibody Blocking peptide - Protocols

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

- Blocking Peptides

Phospho-S100A11(Y32) Antibody Blocking peptide - Images

Phospho-S100A11(Y32) Antibody Blocking peptide - Background

Protein S100-A11 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 function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis.

Phospho-S100A11(Y32) Antibody Blocking peptide - References

Howell,M.D., J. Invest. Dermatol. 128 (9), 2248-2258 (2008)Cecil,D.L., J. Immunol. 180 (12), 8378-8385 (2008)Sakaguchi,M., J. Cell Biol. 163 (4), 825-835 (2003)