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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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S100P-Binding Protein Blocking Peptide

BACKGROUND

This peptide is the immunogen used to make Cat # X2757P.

The function of this binding protein is not fully known. It is known to interact with the S100P and colocalizes with S100P in the nucleus. S100P may stimulate cell proliferation in an autocrine manner via activation of the receptor for activated glycation end products (RAGE). Expressed in brain, spleen, and lung. Not detected in pancreas or liver. In pancreas, expressed predominantly in islet cells and to a lesser extent in acinar cells, but not expressed in ductal cells. Up-regulated in various pancreatic ductal adenocarcinomas and pancreatic intraepithelial neoplasias. Detected in pancreatic ductal adenocarcinoma cells (at protein level). Not detected in non-neoplastic ductal epithelium (at protein level).

ORDERING INFORMATION

CATALOG NUMBER

X2772B

SIZE

50 μ g

CUSTOMER STORAGE

Product should be stored at -20°C.
Aliquot to avoid freeze/thaw cycles

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STABILITY

Products are stable for one year from purchase when stored properly

COMMENTS

Optimal concentration should be evaluated by serial dilutions.

INSTRUCTIONS

Use: Incubate antibody neat with at least a 50 fold stoichiometric excess of blocking peptide at 37°C for 20 minutes (molecular weights of peptide and antibody are ~2.5 kDa and ~160 kDa, respectively). Antibody can then be diluted to a concentration suitable for Western blot.

Example: 10 μ l or 10 μ g of Exalpha's rabbit anti-S100PBP (Cat. No. X2757P) is added to 10 μ g of blocking peptide for a total volume of 20 μ l. The mixture is allowed to incubate for 20 minutes at 37°C prior to dilution in suitable buffer (for Western blot, etc.).