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Product Description

P11
S100A10

Product: Human p11 (S100A10)

Lot No.: 1.4.5

Form: lyophilized, 10 µg

Reconstitution: with 10 µl bi-distilled water.

Storage: Freeze in aliquots and store at -80°C. Avoid repeated freezing and thawing.

Description:

The protein was expressed recombinantly in E.coli and was purified from the bacterial lysate according to Kube et al (1992). The protein can be used for immunoblots and pre-adsorption experiments in immunohistochemistry. Moreover it will bind to the N-terminal domain of annexin II and can thus be employed in annexin II binding experiments (Kube et al, 1992).

Reference:

Kube B. et al. (1992) Protein-protein interaction studied by site-directed mutagenesis. J. Biol. Chem. 267:14175-14182.

For fluid-phase adsorption in immunohistochemistry we suggest the following procedure:

- Dilute 1 µl of the antiserum against P11/ S100 A10 (Swant) in 1 ml of the usual buffer for immunohistochemistry (final dilution 1:1'000).
- Add 1 µg of the protein to 1 ml of the diluted antibody solution and mix well.
- Incubate for at least 6 hours in the cold.
- Apply to tissue-sections and incubate for 3 days.
- Complete the immunohistochemical reaction as usual (biotinylated second antibody, ABC-complex, DAB).

As a result, the immunostaining should be strongly reduced or even completely prevented.