

S100 A4 Ab-8

Catalog # RB-1804-A0, -A1, or -A (0.1ml, 0.5ml, or 1.0ml)

Catalog # RB-1804-R7 (7.0ml)

Catalog # RB-1804-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** The S100A4 protein belongs to the S100 subfamily, now designated S100A1 – S100A13. This antibody does not cross react with other S100 proteins. Anti-S100A4 labels fibroblasts, neuronal structures, T-lymphocytes, plasma cells and Kupffer cells in normal tissues.
- **Expected Staining Pattern:** Cytoplasmic, membrane and nuclear
- **Positive Control:** Tonsil

MATERIALS PROVIDED:

S100 A4 Ab-8 (refer to catalog number):

- #RB-1804-A, (or -A0, -A1) Unspecified amount of purified immunoglobulins, concentrated, in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
or
- #RB-1804-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
or
- #RB-1804-PCS: 5 positive control slides.
- **Antibody Concentration:** Not known
- **Host:** Rabbit
- **Mol. Wt. of Antigen:** 10-12kDa
- **Species Reactivity:** Human, Mouse, Rat, Cow, Horse, Cat and Dog. Others not known.
- **Clone Designation:** Polyclonal
- **Ig Isotype / Light Chain:** IgG
- **Immunogen:** Purified recombinant human S100A4 monomer expressed in E coli.
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:100-1:200 in antibody diluent.
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in in 10mM citrate buffer, pH 6.0, (Cat. #AP-9003), for 10-20 min followed by cooling at RT for 20 min.
Primary Antibody Incubation Time	30min at RTs at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

1. Schafer B W, et al. (1996) Trends Biochem Sci, 21:134-140.
2. Ilg E C, et al. (1996) Intl J Cancer, 68:325-332.