

CD23 (SP23)

Catalog # RM-9123-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)

Catalog # RM-9123-R7 (7.0ml)

Catalog # RM-9123-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:** CD23 is a 45kDa glycoprotein, which is present on a subpopulation of freshly isolated peripheral blood and tonsil B cells and strongly expressed on EBV-transformed B lymphoblasts. The CD23 molecule is identical to the low affinity IgE receptor found on B cells. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic lymphocytic leukaemia and some cases of centroblastic/centrocytic lymphoma.
- **Expected Staining Pattern:** Membrane
- **Positive Control:** Tonsil

MATERIALS PROVIDED:

CD23 (SP23) (refer to catalog number):

- #RM-9123-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.
or
- #RM-9123-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
- #RM-9123--PCS: 5 positive control slides.
- **Antibody Concentration:** Not known
- **Host:** Rabbit
- **Epitope:** Not known
- **Species Reactivity:** Human. Others not tested.
- **Clone Designation:** SP23
- **Ig Isotype / Light Chain:** Rabbit IgG
- **Immunogen:** Recombinant protein encoding human CD23 48-248aa.
- **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 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min
Primary Antibody Incubation Time	30 minutes 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.