

## Mouse Monoclonal anti-CD57 (Natural Killer Cell Marker), Clone TB01

60-0091; 60-0091-7

61-0091-2

Isotype

### Concentration:

6 mL; 7 mL predilute Antibody, Ready-To-Use

0.2 mL Concentrate Antibody

IgM

See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect CD57 in normal and neoplastic formalin fixed, paraffin embedded (FFPE) tissue sections in immunohistochemical (IHC) detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

### Description

CD57 is expressed on a natural killer (NK) cell subset, T cell subset, brain, neuroectodermal tumors, small cell lung carcinoma, prostate carcinomas, nerve sheath tissues and their tumor counterparts. In a panel of antibody, the anti-CD57 antibody may be useful for the identification of T-cell large granular lymphocyte disorders, oligodendrogliomas, and neuroendocrine tumors. CD57 may assist in the identification of lymphocytic and histiocytic (L&H) cells of lymphocyte predominant Hodgkin's disease.

### Reagent provided

This antibody is diluted in 10 mM phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide ( $\text{NaN}_3$ ) as antimicrobial agent.

### Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide ( $\text{NaN}_3$ ) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of  $\text{NaN}_3$  may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

### Usage

#### Dilution

60-0091; 60-0091-7: Ready-To-Use

61-0091-2: Dilute 1:50 to 1:100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

#### Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

#### Positive control tissue

Tonsil

#### Epitope retrieval

HIER using Tris Buffer pH 9

#### Staining pattern

Membrane and Cytoplasm

**Storage**

Store at 2-8°C.

**References**

1. Leong AS-Y, et al. Manual of Diagnostic Antibodies for Immunohistology. 2<sup>nd</sup> Edition. 2003. p131

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