

## PRODUCT INFORMATION SUMMARY

### ANTI-Human CD57

Purified Antibody	Product Number	M570020	0.1mg
FITC	Product Number	M570030	100 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Human CD57 is a transmembrane glycoprotein antigen with a molecular weight of 110 kDa. This marker is present on a subset of mononuclear cells that demonstrate Natural Killer activity. It is expressed on approximately 20% of human peripheral blood cells and on cells of neuroectodermal tissue. This antigen is NOT present on B cells, erythrocytes, platelets, or monocytes. Staining of both frozen and formalin-fixed **paraffin-embedded tissue** sections has been observed.

#### CLONE:

Mouse monoclonal antibody, clone TB01 was purified using gel filtration.

Immunoglobulin chain composition: MOUSE IgM.

CONJUGATION: FITC

#### HANDLING AND STORAGE:

All forms of this monoclonal antibody are supplied as 1.0 mL of ready to use liquid. These reagents are in a medium containing 0.01M phosphate-buffered saline, 1% BSA and 0.1% sodium azide. All reagents in a liquid state should be stored at 2-8° C when not in use or frozen in small aliquots for long-term storage.

#### PRODUCT USE:

For flow cytometry **use 10uL per test**. For immunohistochemistry, use enough diluted reagent to cover the tissue section or cytoprep. Working dilution should be optimized, suggested range is 1:20-1:80.

**RESEARCH APPLICATIONS:**

Immunohistochemistry: **Reactive on both frozen and paraffin-embedded tissue.**

Studies of NK cell mediated cytotoxicity by flow cytometry or bioassay.

Studies of neural tissue glycoproteins and prostatic antigens.

**CAUTION:**

Reagents contain sodium azide, a preservative which may react with lead joints in copper drain lines to form explosive compounds. Even though reagents contain minute quantities of sodium azide, drains should be thoroughly flushed with water when reagents are discarded.

**WARRANTY:**

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.**

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