

Rabbit Polyclonal anti-CD3 T Cell

60-0011; 60-0011-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0011; 61-0011-2; 61-0011-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	N/A
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is intended for laboratory use to qualitatively detect CD3 by light microscopy in normal and neoplastic formalin fixed paraffin embedded tissue sections using immunohistochemical detection methodology. Interpretation of any positive or negative staining shall be supported by a proper control and must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

CD3 is a highly specific marker for T lymphocytes. It is expressed by T cells in thymus, bone marrow, peripheral lymphoid tissue and blood. The majority of T-cell neoplasm expresses the CD3 antigen, while it is absent from non-T-cell lymphoid malignancies. CD3 is an essential marker for the initial evaluation of chronic lymphoproliferative disorders.

The antibody is a useful marker when used with L26 (CD20) in differentiating T-and B-cell lineage.

Reagent provided

This antibody is affinity purified and diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN₃) as antimicrobial agent.

Precautions

For professional users

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

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN₃ 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

60-0011; 60-0011-7: Ready-To-Use

61-0011; 61-0011-2; 61-0011-5: 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, Citrate pH 6.0

Staining pattern

Membrane and Cytoplasm

Storage

Store at 2-8°C.

References

1. Mason DY, et al. Am J Pathol. 1989 Nov;42(11):1194-200
2. Campana D, et al. J Immunol 138:648-655, 1987.
3. Chadburn A, et al. Am J Clin Pathol 102(3): 284-91, 1994.

Symbols

				
Catalog No.	Batch No.	In Vitro Diagnostic Use	Temperature Range	Use By