

**Mouse Monoclonal anti-CD8, Clone C8/144B**

60-0124; 60-0124-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0124-2	0.2 mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

**Intended Use**

For In Vitro Diagnostic Use.

This product is used to qualitatively detect CD8 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**

CD8 is expressed in cytotoxic/suppressor T cell subset but not on B cell lymphocytes. The antibody can be used as part of a panel of antibodies to classify T cell disorders, including T cell lymphomas, and to differentiate between helper and cytotoxic T cells. It may be also used for the differentiation between mycosis fungoides and cutaneous inflammatory processes.

The antibody labels native cytokeratin 15 in human hair follicle bulge keratinocytes and a discrete area of the outer root sheet basal layer near the attachment of the arrector pili muscle without labeling the remaining hair follicle.

**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**

60-0124; 60-0124-7: Ready-To-Use

61-0124-2: Dilute 1:50-100 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, Spleen, Thymus

**Epitope retrieval**

HIER, Tris EDTA, pH 9

**Staining pattern**

Membrane

**Storage**

Store at 2-8°C.

**References**

1. Mason D, et al. J Clin Pathol. 1992 Dec;45(12):1084-8.
2. Nuckols J, et al. J Cutan Pathol 1999;26:169-75.

**Symbols**

Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

