

Mouse anti-Human TRAcP

Clone 9C5

Cat. no. MON 3355

Specificity

The type-5 tartrate resistant acid phosphatase (TRAcP) is an iron-binding glycoprotein that exists in humans as distinct unprocessed and processed isoforms, 5a and 5b, respectively. TRAcP is principally expressed in cells of the monocyte lineage, including macrophages, dendritic cells, and osteoclasts, with its most well understood function being in facilitating the bone resorption process. A variety of hematological disorders display TRAcP activity but antibodies developed against the protein have a particularly high sensitivity and specificity for labeling hairy cells in patient cases of hairy cell leukemia. MON 3355 has immunohistochemical utility in providing adjunctive information for the identification of hairy cell leukemia.

Immunoglobulin type

Mouse IgG2b

Use

This antibody can be used in IHC Paraffin sections (1:100 – 1:500)

Presentation

1 ml supernatant in Tris Buffer, pH 7.3-7.7, with 1% BSA and <0.1% Sodium Azide

References

- Janckila, AJ, et al. Calcif Tissue Int. 2009; 85:465-83.
- Hayman AR. Autoimmunity. 2008; 41:218-23.
- Hoyer, JD, et al. Am J Clin Pathol. 1997; 108:308-15.
- Janckila, AJ, et al. Blood. 1995; 85:2839-44.

Storage

Store antibody at 2-8°C until expiry date.

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