

Rabbit anti-Human CD1a, clone EP3622 (Monoclonal)

Clone no. EP3622

MONOSAN

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Product name	Rabbit anti-Human CD1a, clone EP3622 (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	EP3622
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

CD1a is a non-polymorphic, major histocompatibility complex, class I-related cell surface glycoprotein (45 to 55 kDa) and is expressed in association with  $\beta$ -microglobulin. In normal tissues, anti-CD1a reacts with cortical thymocytes, Langerhans cells, interdigitating cells, and rare antigen-presenting cells of the lymph node. CD1a positivity has also been seen in Langerhans cell histiocytosis (histiocytosis X), and a subset of pre-T lymphoblastic lymphoma/leukemia (cortical T LBL/L).

**References**

1. Krenacs L, et al. J Pathol. 1993; 171:99-104
2. Angel CE, et al. Blood. 2009; 113:1257-67
3. Emile JF, et al. Am J Surg Pathol. 1995; 19:636-41
4. Stefano, AP et al. Br J Haematol. 1999; 105:394-401
5. Han X, et al. Am J Clin Pathol. 2007; 127:528-44

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