

Rabbit anti-CD4, clone EP204 (Monoclonal)

Clone no. EP204

MONOSAN Ready To Use

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Product name	Rabbit anti-CD4, clone EP204 (Monoclonal)
Host	Rabbit
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	EP204
Size	7 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**

CD4 is a 55 kD glycoprotein expressed on the surface of T-helper/regulatory T-cells, monocytes, macrophages, and dendritic cells. Anti-CD4 is used in the immunophenotyping of lymphoproliferative disorders.<sup>1</sup> The majority of peripheral T-cell lymphomas are derived from the T-helper/regulatory cell subset so that most mature T-cell neoplasms are CD4+ CD8-.<sup>2</sup> As with other T-cell antigens, CD4 may be aberrantly expressed in neoplastic T-cells so that the evaluation of such tumors requires the application of a panel of markers in order to identify tumors with CD4 aberrant expression.<sup>1-3</sup>

**References**

1. Leong AS-Y, et al. Greenwich Medical Media Ltd. 2003
2. Akiyama T, et al. Pathol Int. 2008; 58:626-34
3. Garcia-Herrera A, et al. J Clin Oncol. 2008; 26:3364-71
4. -
5. -

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