

## Mouse anti-CD25, clone 4C9 (Monoclonal)

Clone no. 4C9

MONOSAN

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Product name	Mouse anti-CD25, clone 4C9 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:10-1:50)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2b
Clonality	Monoclonal
Clone number	4C9
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**

CD25, Interleukin-2 receptor alpha chain, is the alpha subunit of the cell surface receptor which regulates regulatory T-cells. CD25 has been detected in various hematological malignancies including adult T-cell leukemia/lymphoma, and hairy cell leukemia. MON 3230 has also been useful in identifying mast cells in skin biopsies in the setting of Urticaria Pigmentosa, which is predictive of Systemic Mastocytosis.

**References**

1. Hahn HP, et al. Am J Surg Pathol. 2007 Nov;31(11):1669-76
2. Hollmann TJ, et al. Am J Surg Pathol. 2008 Jan;32(1):139-45
3. L  tourneau S, et al. Clin Immunol. 2009; 123:758-62
4. De Toter D, et al.. Leuk Lymphoma. 1994; 104:412-9
5. Qayyum S, et al. Archives of Pathology & Lab Med. 2014; 138:282-6

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