

Mouse anti-CD4, clone 4B12 (monoclonal)

Clone no. 4B12

MONXtra

Product name	Mouse anti-CD4, clone 4B12 (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to the external domain of the CD4 molecule.
Isotype	IgG1, kappa
Clonality	Monoclonal
Clone number	4B12
Size	1 ml
Concentration	Greater than or equal to 405 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 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

The CD4 molecule (T4) is a single chain transmembrane glycoprotein with a molecular weight of 59 kD. The CD4 antigen is expressed on a T cell subset (helper/inducer) representing 45% of peripheral blood lymphocytes and at a lower level on monocytes and germinal center macrophages. Most cases of cutaneous T cell lymphoma, including mycosis fungoides, express the CD4 antigen and HTLV-1 associated adult T cell leukemia/lymphoma is also generally CD4 positive.

References

1. Arnould L et al. British Journal of Cancer 2006; 94:259-267
2. Choi HJ et al. British Journal of Dermatology 2006; 154:419-425
3. Lapperre TS et al. Thorax 2006; 61:115-121
4. Willemse BWM et al. Respiratory Research 2005; 6:38
5. Suzuki A et al. Journal of Pathology 2002; 196:37-43

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