

Product datasheet MONX11112

MONOSAN[®]

Mouse anti-CD19, clone BT51E (monoclonal)

Clone no. BT51E

MONXtra

Product name	Mouse anti-CD19, clone BT51E (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	A prokaryotic fusion protein containing part of the C-terminal region of the human CD19 molecule.
Isotype	IgG2b
Clonality	Monoclonal
Clone number	BT51E
Size	1 ml
Concentration	Greater than or equal to 35 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

CD19 is a member of the immunoglobulin superfamily and has two Ig like domains. It is a single chain glycoprotein present on the surface of B lymphocytes and follicular dendritic cells of the hematopoietic system. CD19 is a crucial regulator in B cell development, activation and differentiation. On B cells, CD19 associates with CD21, CD81 and CD225 (Leu-13) forming a signal transduction complex. CD19 is expressed from the earliest recognizable B cell lineage stage, through development to B cell differentiation but is lost on maturation to plasma cells.

References

1. Fujimoto M and Sato S. Journal of Dermatological Science. 2007; 46:1-9
2. Otero D et al. The Journal of Immunology. 2003; 170: 73-83
3. Fujimoto M et al. Seminars in Immunology. 1998; 10:267-277
4. -
5. -

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