

Mouse anti-Multiple Myeloma Oncogene 1 (MUM-1), Clone EAU32 (monoclonal)

Clone no. EAU32

MONXtra

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Product name	Mouse anti-Multiple Myeloma Oncogene 1 (MUM-1), Clone EAU32 (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to 313 amino acids of the human multiple myeloma oncogene 1 (MUM-1) molecule.
Isotype	IgG1
Clonality	Monoclonal
Clone number	EAU32
Size	1 ml
Concentration	Greater than or equal to 263 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 MUM-1 (multiple myeloma oncogene 1) gene was originally identified because of its involvement in the t(6:14) translocation observed in multiple myeloma, which causes the juxtaposition of the MUM-1 gene to the Ig heavy chain locus. MUM-1 is expressed in late plasma cell directed stages of B cell differentiation and in activated T cells, suggesting that MUM-1 may serve as a marker for lympho-hemopoietic neoplasms derived from these cells. The morphologic spectrum of MUM-1 expressing cells has been found to range from that of a centrocyte to that of a plasmablast/plasma cell. Consequently the histogenic value of MUM-1 may be to provide a marker to aid in the identification of the transition from BCL-6 positive (germinal center B cells) to CD138 positive (immunoblasts and plasma cells).

**References**

1. Bergsagel P and Kuehl W. Oncogene. 2001; 20(40):5611-5622
2. Iida S et al. Nature Genetics. 1997;17(2):226-230
3. -
4. -
5. -

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