

## Mouse anti-MUM1, clone MRQ-8

Clone no. MRQ-8

MONOSAN Ready To Use

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Product name	Mouse anti-MUM1, clone MRQ-8
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	MRQ-8
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**

The antibody labels a 50kDa, multiple myeloma oncogen-1 (MUM1) protein. MUM1 is encoded by the MUM1/IRF-4 gene, which is mapped to 6q23-25 and identified as a myeloma-associated oncogene. It is a member of the interferon regulatory factor family of transcription factors and plays an important role in the regulation of gene expression in response to signaling by interferon and other cytokines. MUM1 positive cells express the protein in the nucleus in a diffuse and microgranular pattern. However, some positivity is also observed in the cytoplasm of MUM1-expressing cells. In normal/reactive lymphoid tissues, such as lymph node, this antibody stains plasma cells, some B-cells in the light zone of germinal centers, and a subset of T-cells (T-cells in germinal centers and interfollicular areas). MUM1 expression has been described in diffuse large B-cell lymphoma (DLBCL). MON 3318 can stain other Bcell lymphomas such as lymphoplasmacytic lymphoma, chronic lymphocytic leukemia, follicular lymphoma, marginal zone lymphoma, lymphoblastic lymphoma/leukemia, primary effusion lymphoma, DLBCL, Burkitt-like lymphoma, and classical Hodgkin lymphoma.

**References**

1. Falini B, et al. Blood. 2000; 95:2084-92
2. Grossman A, et al. Genomics. 1996; 37:229-33
3. Neresh KN. Haematologica. 2007; 92:267-8
4. Van Imhoff GW, et al. J Clin Oncol. 2006; 24:4135-42
5. Gualco G, et al. Appl Immunohistochem Mol Morphol. 2010; 18:301-10

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