

MUM1(ZR411)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (corresponding to C-terminal) of IRF4 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: MUM1 (ZR411) Rabbit Monoclonal primary antibody detects MUM1 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain MUM1 protein.

Localization: Nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: MUM1 is a nuclear transcription factor necessary for developing and activating B lymphocytes. MUM1 belongs to the IRF gene family containing at least 10 widely expressed genes with similar DNA binding motifs, all involved in the regulation of cell growth, transformation and induction of apoptosis, and development of T-cell immune response. The synonym of MUM1 is Interferon Regulatory Factor 4 (IRF4). MUM1 is found mainly in B-cell lymphoma and melanocytic lesions. Significant variation in positivity, mainly due to chromosomal translocations involving the MUM1 gene among T-cell lymphomas, is observed. MUM1 protein expression is considered critical to classify malignant lymphomas and identifying plasma cell differentiation. Particularly, MUM1 may be helpful in the identification of plasma cell differentiation upon lack of morphologic evidence.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Falini B, et al. Blood. 2000; 95:2084-92.
2. Carbone A, et al. Br J Haematol. 2002; 117:366-72.
3. Natkunam Y, et al. Mod Pathol. 2001; 14:686-94.

REF Z2767RL/ Z2767RS/ Z2767RT/ Z2767RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




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RUO
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use only)

LOT
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REF
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