

## Product datasheet for **DM420-05**

### **MUM1 (IRF4) Mouse Monoclonal Antibody [Clone ID: MUM1p]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	MUM1p
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	Immunohistochemistry on Frozen and Formalin-Fixed Paraffin Embedded Sections (High temperature treatment of formalin-fixed tissue sections with 1 mM EDTA buffer, pH 8.0 must be performed prior to the immunostaining); diluted of 1:10-1:25 in an ABC method (30-60 minutes at room temperature). Recommended Positive Control: Tonsil.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Recombinant GST-MUM1 protein
<b>Specificity:</b>	Reacts to MUM1 Protein. Cellular Localization: Nuclear and cytoplasmic
<b>Formulation:</b>	EDTA Buffer pH 8.0 State: Supernatant State: Liquid Tissue Culture Supernatant containing Sodium Azide as preservative.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	interferon regulatory factor 4
<b>Database Link:</b>	<a href="#">Entrez Gene 3662 Human Q15306</a>



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**Background:**

Multiple myeloma oncogene-1 (MUM1) is a 50kD protein encoded by the MUM1 gene. MUM1 is expressed in a subset of B cells in the light zone of the germinal center, plasma cells, activated T cells and a wide spectrum of related hematolymphoid neoplasms. This antibody is useful in the sub classification of lymphoid malignancies.

**Synonyms:**

Interferon regulatory factor 4, NF-EM5, MUM1, LSIRF