

# MUM1

## Recombinant Rabbit Monoclonal Antibody

### Product Datasheet

Catalog# BX50274

Clone# BP6251

**Predicted Molecular Wt:** 52kDa  
**Species Cross-reactivity:** Human  
**Applications:** IHC-P

**Purity:** ProA affinity purified IgG  
**Form:** Liquid  
**Swissprot ID:** Q15306

#### Background:

MUM1 is one of nuclear transcription factors necessary for development and activation of B lymphocytes. MUM1 belongs to the IRF gene family containing at least 10 widely expressed genes with similar DNA binding motif all involved in regulation of cell growth, transformation and induction of apoptosis as well as 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 MUM1 gene among T-cell lymphomas is observed.

MUM1 is useful in a panel with other markers for subclassification of malignant lymphomas and identification of plasma cell differentiation. Particularly MUM1 may be useful for the identification of plasma cell differentiation when morphologic evidence is lacking and Ig light chains are difficult to interpret.

#### Subcellular location:

Nucleus

#### Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

#### Immunogen:

Synthetic peptide. This information is proprietary to Biolynx.

#### Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

#### Storage Conditions:

-25°C to -18°C

#### Shipment Instructions:

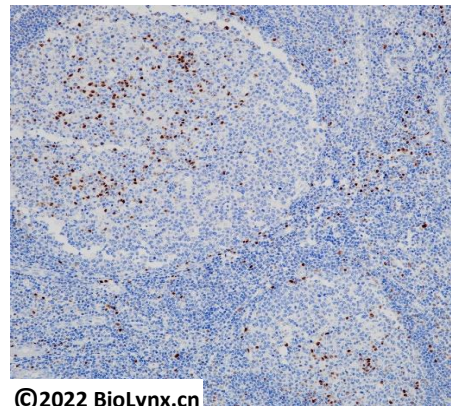
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

#### Recommended Dilution:

IHC-P: 1:100-1:200

#### Background References:

- Grossman A, Hans-Willi Mittrücker, Nicholl J, et al. Genomics, 1996, 37(2):0-233.
- Gaidano G, Carbone A. LEUKEMIA, 2000, 14(4):563-566.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil labelling MUM1 with BP6251.

Product QC'd by:



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