

DATASHEET

MUM1 Rabbit Monoclonal Antibody(ARB996)

CAT. NO. ARB6788

KEY FEATURES

Target	MUM1	Clonality	Monoclonal
Clone ID	ARB996	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

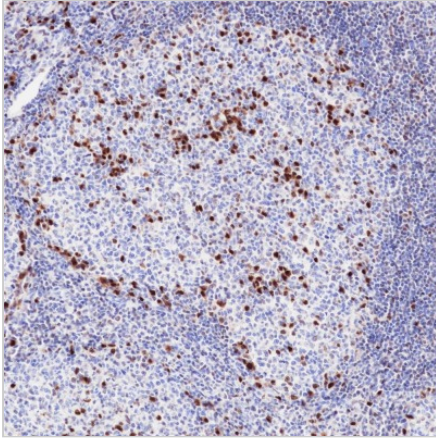
Predicted Molecular Wt	52kDa
Purity	ProA affinity purified IgG
Subcellular location	Nucleus
Swissprot ID	Q15306
Immunogen	Synthetic peptide corresponding to residues within C-Term of MUM1 was used as an immunogen
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Immunohistochemical staining of human tonsil tissue using MUM1 Rabbit Monoclonal Antibody(ARB996)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com