

IRF-4/MUM1 (ABT080) Mouse mAb

CatalogNo: YM4829 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IHC, WB, IF, ELISA

MW

- 52kD (Calculated)
- 52kD (Observed)

Isotype

- Mouse IgG1/Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1000**WB 1:500-2000****IF 1:100-500****ELISA 1:1000-5000**

Basic Information

Clonality Monoclonal**Clone Number** ABT080

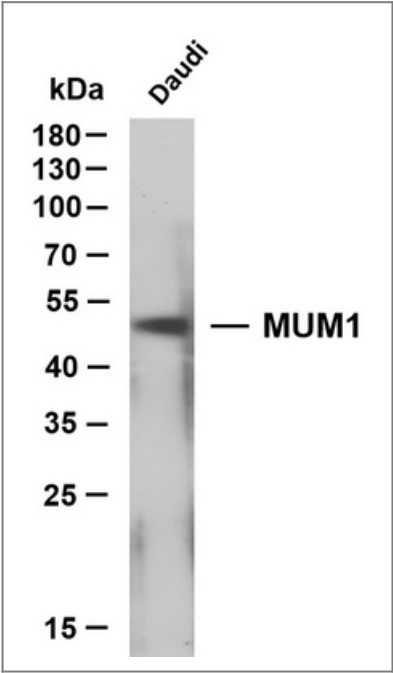
Immunogen Information

Immunogen Synthesized peptide derived from human MUM1 AA range: 350-451**Specificity** The antibody can specifically recognize human MUM1 protein.

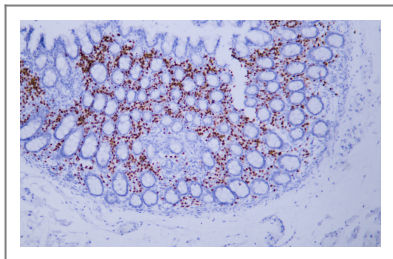
| Target Information

Gene name	IRF4 MUM1		
Protein Name	Interferon regulatory factor 4		
	Organism	Gene ID	UniProt ID
	Human	3662 ;	Q15306 ;
Cellular Localization	Nuclear		
Tissue specificity	Lymphoid cells.		
Function	Disease:A chromosomal aberration involving IRF4 may be a cause of multiple myeloma [MIM:254500]. Translocation t(6;14)(p25;q32) with the IgH locus.,Function:Transcriptional activator. Binds to the interferon-stimulated response element (ISRE) of the MHC class I promoter. Binds the immunoglobulin lambda light chain enhancer, together with PU.1. Probably plays a role in ISRE-targeted signal transduction mechanisms specific to lymphoid cells.,induction:Not induced by interferons.,similarity:Belongs to the IRF family.,similarity:Contains 1 tryptophan pentad repeat DNA-binding domain.,subunit:Interacts with SPIB and DEF6.,tissue specificity:Lymphoid cells.,		

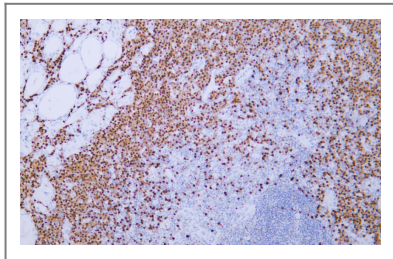
| Validation Data



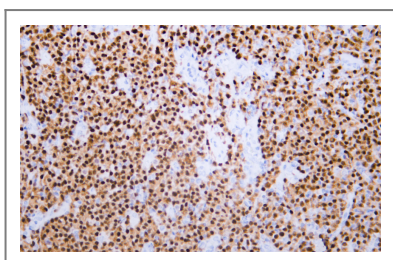
Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-MUM1 (ABT080)antibody. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: Daudi



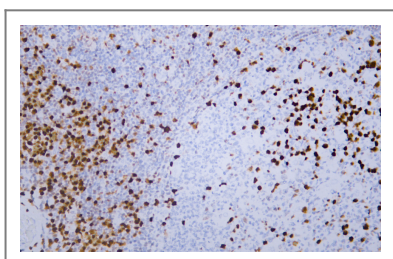
Human colon tissue was stained with Anti-MUM1 (ABT080) Antibody



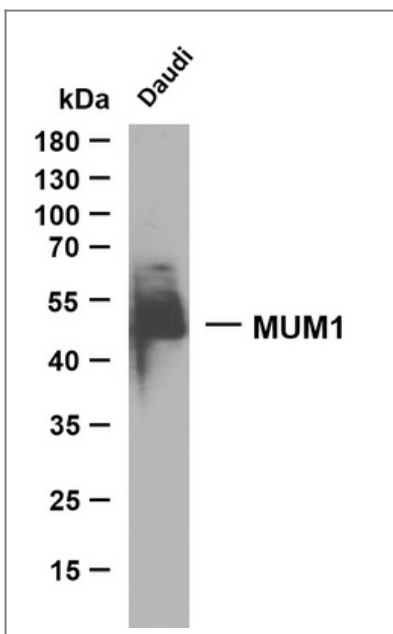
Human diffuse large B-cell lymphoma tissue was stained with Anti-MUM1 (ABT080) Antibody



Human diffuse large B-cell lymphoma tissue was stained with Anti-MUM1 (ABT080) Antibody



Human tonsil tissue was stained with Anti-MUM1 (ABT080) Antibody



Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-MUM1 (ABT080)antibody. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: Daudi

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**IRF-4/MUM1
(ABT080) Mouse
mAb**

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