

### Anti-IRF4 antibody [MUM1p] ab12501

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#### 製品の概要

製品名	Anti-IRF4 antibody [MUM1p]
製品の詳細	Mouse monoclonal [MUM1p] to IRF4
由来種	Mouse
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein corresponding to Human IRF4. Database link: <a href="#">Q15306</a>
ポジティブ・コントロール	Tonsil.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.3 Preservative: 0.05% Sodium azide Constituents: Tissue culture supernatant, 1% BSA
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	MUM1p
アイソタイプ	IgG1

#### アプリケーション

## The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab12501の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		

### 追加情報

IHC-P: 1/10 - 1/25. Perform heat mediated antigen retrieval with 1 mM EDTA buffer, pH 9.0 before commencing with IHC staining protocol. We suggest an incubation period of 30-60 minutes at room temperature.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

### 機能

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. Involved in CD8(+) dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGAnTCA/GAAA-3'), an immune-specific regulatory element, followed by cooperative binding of BATF and IRF4 and activation of genes.

### 組織特異性

Lymphoid cells.

### 関連疾患

Multiple myeloma

### 配列類似性

Belongs to the IRF family.

Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

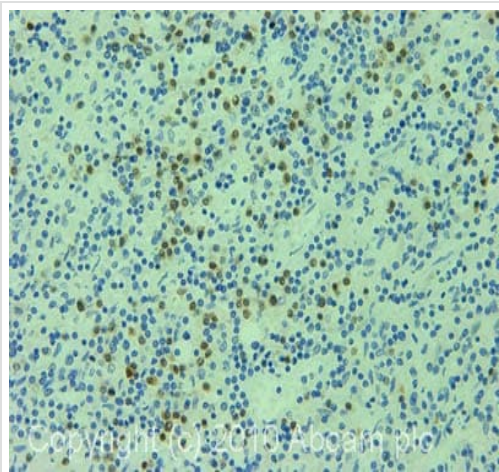
### 翻訳後修飾

Phosphorylation by ROCK2 regulates IL-17 and IL-21 production.

### 細胞内局在

Nucleus.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IRF4 antibody [MUM1p] (ab12501)

IHC image of ab12501 staining in human Hodgkin's lymphoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab12501, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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