

Datasheet for ABIN6972213  
**anti-IRF4 antibody (C-Term)**



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1 Image

## Overview

|                      |                       |
|----------------------|-----------------------|
| Quantity:            | 100 µL                |
| Target:              | IRF4                  |
| Binding Specificity: | C-Term                |
| Reactivity:          | Human                 |
| Host:                | Rabbit                |
| Clonality:           | Polyclonal            |
| Application:         | Western Blotting (WB) |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:       | This antibody was raised against a peptide within the C-terminal region of human IRF-4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isotype:         | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Characteristics: | <p>IRF-4 (Interferon Regulatory Factor 4) is a 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 (By similarity). IRF-4 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.</p> |
| Purification:    | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Target Details

|                   |                       |
|-------------------|-----------------------|
| Target:           | IRF4                  |
| Alternative Name: | IRF-4 (IRF4 Products) |
| Molecular Weight: | 52 kDa                |
| NCBI Accession:   | NP_002451             |
| Pathways:         | Chromatin Binding     |

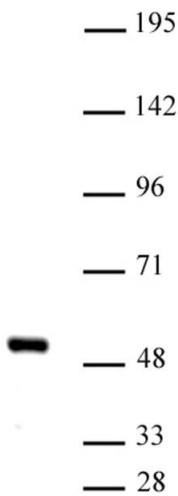
Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

Handling

|                    |                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer:            | Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.                                                                                                      |
| Preservative:      | Sodium azide                                                                                                                                                          |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                |
| Storage:           | -20 °C                                                                                                                                                                |
| Storage Comment:   | Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. |

Images



Western Blotting

**Image 1.** IRF-4 (pAb) tested by Western blot. IRF-4 detection by Western blot. The analysis was performed using Ramos whole-cell extract (10 µg) and IRF-4 antibody (pAb) at a 1:500 dilution.