

## Rabbit anti-Rat IRF7 Monoclonal Antibody | anti-IRF7 antibody

Recombinant IRF7 Monoclonal Antibody

|                               |                       |                          |                                                           |
|-------------------------------|-----------------------|--------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA178860</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|--------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

IRF7; Monoclonal Antibody; Recombinant IRF7 Monoclonal Antibody; IMD39; IRF-7H; IRF7A; IRF7B; IRF7C; IRF7H; anti-IRF7 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                               |
| Reactivity                                     | Rat                                                                                                  |
| Clonality                                      | Monoclonal                                                                                           |
| Isotype                                        | IgG                                                                                                  |
| Clone Number                                   | R04-1E1                                                                                              |
| Purity/Purification                            | Affinity Purified                                                                                    |
| Form/Format                                    | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Concentration                                  | 300ug/mL (varies by lot)                                                                             |
| Applicable Applications for anti-IRF7 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                        |
| Immunogen                                      | A synthetic peptide of human IRF7                                                                    |
| Research Area                                  | Cancer, Epigenetics and Nuclear Signaling, Immunology, Microbiology                                  |
| Preparation and Storage                        | Storage: -20 degree C/One year. Avoid freeze/thaw cycles.                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of IRF7 in paraffin-embedded Human breast cancer tissue using IRF7 Rabbit mAb at dilution 1:50



#### WB (Western Blot)

Western blot detection of IRF7 in Rat Brain lysates using IRF7 Rabbit mAb(1:1000 diluted).Predicted band size:54kDa.Observed band size:54kDa.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IRF7 antibody | IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. |
| Product Categories/Family for anti-IRF7 antibody   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Recombinant Antibody</a>                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4758610                                                                |
| NCBI GeneID                      | 3665                                                                   |
| NCBI Accession #                 | NP_001563.2                                                            |
| NCBI GenBank Nucleotide #        | NM_001572.3                                                            |
| UniProt Accession #              | Q92985; O00331; O00332; O00333; O75924; Q9UE79; B9EGL3                 |
| Molecular Weight                 | 51-56kDa                                                               |
| NCBI Official Full Name          | interferon regulatory factor 7 isoform a                               |
| NCBI Official Synonym Full Names | interferon regulatory factor 7                                         |
| NCBI Official Symbol             | IRF7                                                                   |
| NCBI Official Synonym Symbols    | IRF7A; IRF7B; IRF7C; IRF7H; IRF-7H                                     |
| NCBI Protein Information         | interferon regulatory factor 7; IRF-7; interferon regulatory factor-7H |
| UniProt Protein Name             | Interferon regulatory factor 7                                         |
| UniProt Gene Name                | <b>IRF7</b>                                                            |
| UniProt Synonym Gene Names       | IRF-7                                                                  |
| UniProt Entry Name               | IRF7_HUMAN                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/irf7-antibody-clone-r04-1e1-immunohistochemistry-western-blot-elisa/178860>