

**IRF2 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11225c**

**Specification**

---

**IRF2 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [P14316](#)

**IRF2 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 3660

**Other Names**

Interferon regulatory factor 2, IRF-2, IRF2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**IRF2 Antibody (Center) Blocking peptide - Protein Information**

**Name** IRF2

**Function**

Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation.

**Cellular Location**

Nucleus.

**Tissue Location**

Expressed throughout the epithelium of the colon. Also expressed in lamina propria.

**IRF2 Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **IRF2 Antibody (Center) Blocking peptide - Images**

### **IRF2 Antibody (Center) Blocking peptide - Background**

IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. [provided by RefSeq].

### **IRF2 Antibody (Center) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Lace, M.J., et al. Virology 399(2):270-279(2010) Masumi, A., et al. Biochem. Biophys. Res. Commun. 391(4):1623-1628(2010) Daley, D., et al. Hum. Genet. 125(4):445-459(2009) Dhar, D., et al. PLoS ONE 4 (9), E7049 (2009) :