

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) :