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Anti-IRF2 Rabbit Monoclonal Antibody

Catalog # ABO13459

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P14316
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-IRF2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.

Additional Information

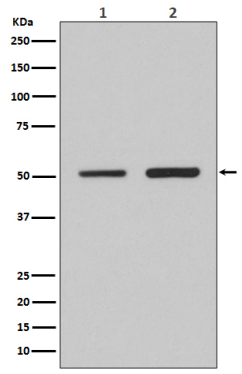
Gene ID	3660
Other Names	Interferon regulatory factor 2, IRF-2, IRF2
Calculated MW	39354
Application Details	WB 1:500-1:1000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Subcellular Localization	Nucleus.
Tissue Specificity	Expressed throughout the epithelium of the colon. Also expressed in lamina propria..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: HAC-9
Immunogen	A synthesized peptide derived from human IRF2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

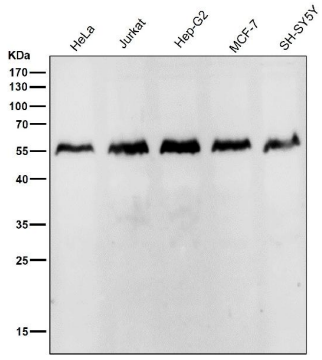
Name	IRF2

Function	DNA-binding transcription factor that specifically binds to the upstream regulatory region of type I interferon (IFN) and IFN- inducible genes and regulates their expression (PubMed:39013473, PubMed:7687740). Mainly acts as a transcription repressor, repressing expression (PubMed:39013473). Also acts as an activator for several genes including H4 and IL7 (PubMed:15226432, PubMed:9540062). Constitutively binds to the ISRE promoter to activate IL7 (PubMed:15226432). Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth (PubMed:9540062). Antagonizes IRF1 transcriptional activation (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:P23906}. Chromosome {ECO:0000250|UniProtKB:P23906}
Tissue Location	Expressed throughout the epithelium of the colon. Also expressed in lamina propria.

Images



Western blot analysis of IRF2 expression in (1) HeLa cell lysate; (2) 3T3 cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.