



# Goat anti-Human IRF4 polyclonal antibody (DPAB-DC1730)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene belongs to the IRF (interferon regulatory factor) family of transcription factors, characterized by an unique tryptophan pentad repeat DNA-binding domain. The IRFs are important in the regulation of interferons in response to infection by virus, and in the regulation of interferon-inducible genes. This family member is lymphocyte specific and negatively regulates Toll-like-receptor (TLR) signaling that is central to the activation of innate and adaptive immune systems. A chromosomal translocation involving this gene and the IgH locus, t(6;14)(p25;q32), may be a cause of multiple myeloma. Alternatively spliced transcript variants have been found for this gene.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human IRF4. The sequence is C-HISNPEDYHRSIR
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), ELISA,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">IRF4 interferon regulatory factor 4 [ Homo sapiens (human) ]</a>
Official Symbol	IRF4
Synonyms	IRF4; interferon regulatory factor 4; MUM1; LSIRF; NF-EM5; multiple myeloma oncogene 1; lymphocyte-specific interferon regulatory factor;
Entrez Gene ID	<a href="#">3662</a>
Protein Refseq	<a href="#">NP_001182215</a>
UniProt ID	<a href="#">Q15306</a>
Chromosome Location	6p25-p23
Pathway	Apoptosis; Cytokine Signaling in Immune system; Immune System; Interferon alpha/beta signaling
Function	protein binding; protein-lysine N-methyltransferase activity; regulatory region DNA binding; sequence-specific DNA binding