



Anti-GBP4 monoclonal antibody (DCABH-11690)

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

PRODUCT INFORMATION

Antigen Description	Guanylate-binding proteins, such as GBP4, are induced by interferon and hydrolyze GTP to both GDP and GMP (Vestal, 2005 [PubMed 16108726]).
Immunogen	A synthetic peptide of human GBP4 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GBP4 guanylate binding protein 4 [Homo sapiens]
Official Symbol	GBP4
Synonyms	GBP4; guanylate binding protein 4; guanylate-binding protein 4; Mpa2; GBP-4; GTP-binding

protein 4; guanine nucleotide-binding protein 4;

Entrez Gene ID	115361
Protein Refseq	NP_443173
UniProt ID	Q96PP9
Chromosome Location	1p22.2
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;