

IFI30 mouse monoclonal antibody (hybridoma)

Catalog # H00010437-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant IFI30.
Immunogen	IFI30 (NP_006323.2, 1 a.a. ~ 250 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTLSPLLLFLPPLLLLDVPTAAVQASPLQALDFFGNGPPVNYKTGNLYLRGPLKKSNAPLVNVTL YYEALCGGCRAFLIRELFTWLLVMEILNVTLPYGNAQEQNVSGRWEFKCQHGEEECKFNKVE ACVLDELDMELAFLTVCMEEFEDMERSLPLCLQLYAPGLSPDIMECAMGDRGMQLMHANAQR TDALQPPHEYVPWVTVNGKPLEDQTQLLTLVCQLYQGKKPDVCPSSSTSSLRSVCFK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (62); Rat (62)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — IFI30

Entrez GeneID [10437](#)**GeneBank Accession#** [NM_006332.3](#)**Protein Accession#** [NP_006323.2](#)**Gene Name** IFI30**Gene Alias** GILT, IFI-30, IP30, MGC32056**Gene Description** interferon, gamma-inducible protein 30**Omim ID** [604664](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene is a lysosomal thiol reductase that at low pH can reduce protein disulfide bonds. The enzyme is expressed constitutively in antigen-presenting cells and induced by gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricted antigen processing. [provided by RefSeq]

Other Designations gamma-interferon-inducible lysosomal thiol reductase|interferon gamma-inducible protein 30 prep roprotein

Pathway

- [Antigen processing and presentation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)