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IFI30 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9517b

Specification

IFI30 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P13284

IFI30 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10437

Other Names
Gamma-interferon-inducible lysosomal thiol reductase, 18--, Gamma-interferon-inducible protein IP-30, Legumaturain, IFI30, GILT, IP30

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.

IFI30 Antibody (C-term) Blocking Peptide - Protein Information

Name IFI30

Synonyms GILT, IP30

Function
Lysosomal thiol reductase that can reduce protein disulfide bonds. May facilitate the complete unfolding of proteins destined for lysosomal degradation. Plays an important role in antigen processing. Facilitates the generation of MHC class II-restricted epitodes from disulfide bond-containing antigen by the endocytic reduction of disulfide bonds (By similarity). Facilitates also MHC class I- restricted recognition of exogenous antigens containing disulfide bonds by CD8+ T-cells or crosspresentation (By similarity).

Cellular Location
Secreted. Lysosome

IFI30 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

IFI30 Antibody (C-term) Blocking Peptide - Images

IFI30 Antibody (C-term) Blocking Peptide - Background

IFI30 cleaves disulfide bonds in proteins by reduction. May facilitate the complete unfolding of proteins destined for lysosomal degradation. It may be involved in MHC class II-restricted antigen processing.

IFI30 Antibody (C-term) Blocking Peptide - References

Imami K., et.al., Anal. Sci. 24:161-166(2008).