

## Anti-ISG15 Antibody (1T536)

### Product Details

Ig Type:	IgG1
Reactivity:	Human
Molecular Weight:	Theoretical: 17 kDa. Actual: 15 kDa.
Clone:	1T536
Purification:	Protein A purified

### Applications

Verified Activity:	Hela (H) cells were treated with or without IFN (1000 U/mL) for 24 h, 25 µg total protein per lane of cell lysates (see on figure) probed with ISG15 monoclonal antibody, unconjugated (TMAB-07822) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ISG15
Gene ID:	9636

### Research Background

The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted. [provided by RefSeq, Dec 2012]

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