

Anti-ISG15 Antibody (6E172)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 18 kDa. Actual: 15 kDa.
Clone:	6E172
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-07823) 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:	A synthesized peptide: human ISG15
Antigen Species:	Human
Gene ID:	9636
Uniprot ID:	P05161

Research Background

Ubiquitin-like protein which plays a key role in the innate immune response to viral infection either via its conjugation to a target protein (ISGylation) or via its action as a free or unconjugated protein. ISGylation involves a cascade of enzymatic reactions involving E1, E2, and E3 enzymes which catalyze the conjugation of ISG15 to a lysine residue in the target protein.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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