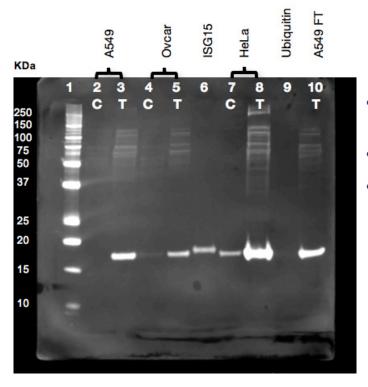


Anti-Human ISG15 MAb

Mouse Monoclonal Antibody against Human ISG15, Clone 2.1 Catalog No. 21900-1



- Detects conjugated and free ISG15
- Greater than 95% purity
- No cross-reactivity observed with ubiquitin on Western Blot

Figure 1. Western Blot. Control (C) and Treated (T) 40 μ g lysate samples from A549, Ovcar and HeLa cells were run alongside 50 ng recombinant ISG15 and 100 μ g ubiquitin on a 12% SDS-PAGE gel under reducing conditions. Cells were either untreated (C) or treated (T) with 1000 U/ml of Human IFN beta 1a (PBL Catalog No. 11410-2) and lysed with 50 mM Tris-HCl pH8, 200 mM NaCl, 10% Glycerol, 0.5% NP-40, 0.1 mM EDTA with protease inhibitors on ice for one hour and then centrifuged at 4°C to obtain supernatants. No cross-reactivity was observed with ubiquitin at tested concentrations up to 100 μ g. The antibody was additionally tested on Daudi and U937 cell lysates (data not shown).

*A549 FT: Lysate after one freeze-thaw cycle

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Product Information

Catalog Number 21900-1

Description Mouse Monoclonal Antibody against Human ISG15

Size 100 μg

Purity > 95%

Endotoixn < 1 EU/µg

Many published reports indicate that ISG15 (G1P2) is commonly upregulated in response to Type I interferon stimulation. Though a wide range of cellular activities are influenced by ISG15 expression including Type I interferon signaling, translation, chromatin remodeling, cell motility, protein trafficking, and protein conjugation (ISGylation), the complete spectrum of ISG15-dependent biological sequelae remains to be fully elucidated. Further characterization of new ISG15 target proteins and the role of free ISG15 may offer new insights into mechanistic and immunotherapeutic approaches to human diseases.

Research Citations and General References

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