

Anti-ISG15 antibody (1-165) (STJ24238)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

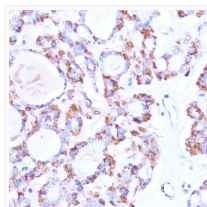
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 18kDa Observed Mw: 15kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

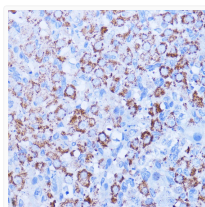
Gene ID	9636
Gene Symbol	ISG15
UniProt ID	ISG15_HUMAN
Immunogen Region	1-165
Immunogen Sequence	MGWDLTVKMLAGNEFQVSLSSSMSVSELKAQITQKIGVHA FQQLAVHPSGVALQDRVPL ASQGLGPGSTVLLVVDKDE PLSILVRNNKGRSSTYEVRLL TQTVAPHLKQQVSGLEGVQDD LFWLTFEGKPLEDQLPLGEY GLKPLSTVFMNRLRGGGTE PGGRS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-165 of human ISG15 (NP_005092.1).

ADDITIONAL INFORMATION

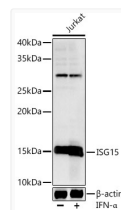
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunohistochemistry analysis of paraffin-embedded human thyroid cancer using ISG15 antibody (STJ24238) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat ovary using ISG15 antibody (STJ24238) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of Jurkat, using ISG15 Rabbit polyclonal antibody (STJ24238) at 1:1000 dilution. Jurkat cells were treated by IFN-Alpha (100 ng/ml) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.