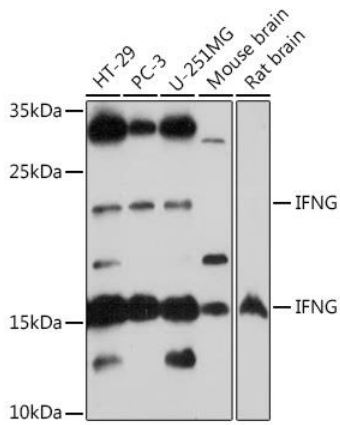
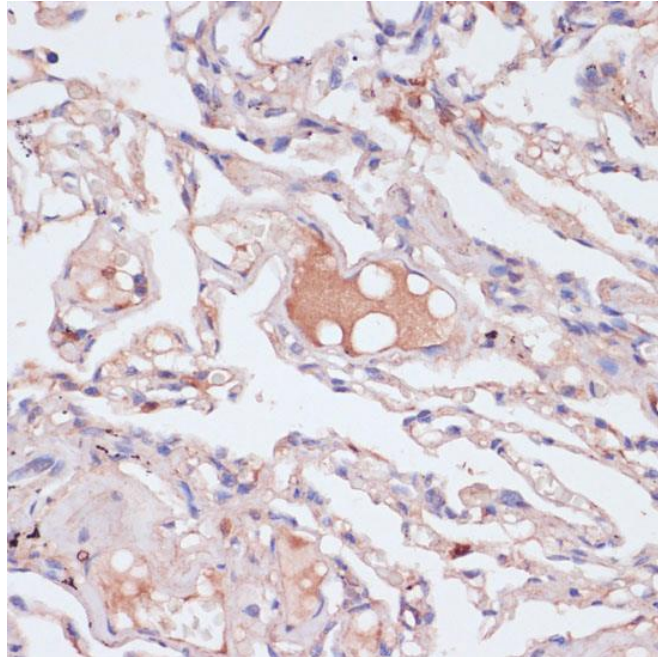

Product name:	IFN gamma
Cat number:	AB-83768
Conjugate:	Unconjugated
Size:	100 ug
Clone:	poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 24-166 of human IFNG
Reactivity:	Hu, Ms
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
Molecular Weight:	17-23kDa
Purification:	Aff.Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.



Western blot analysis of extracts of various cell lines, using IFNG antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 60s.



Immunohistochemistry of paraffin embedded human lung using IFNG antibody at dilution of 1:100 (40x lens).