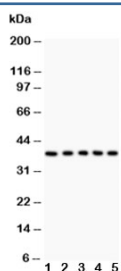


## Fas Antibody / CD95 (R31665)

Catalog No.	Formulation	Size
R31665	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

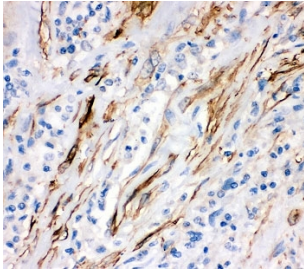
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	355
<b>Localization</b>	Cytoplasmic, membranous
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This Fas antibody is available for research use only.



Western blot testing of Fas antibody and Lane 1: HeLa; 2: Jurkat; 3: A549; 4: SMMC-7721; 5: K562 lysate. Predicted molecular weight: ~38 kDa (unmodified), 40-55 kDa (glycosylated).



Western blot testing of Fas antibody and recombinant human protein (0.5ng)



IHC-P: Fas antibody testing of human lung cancer tissue

## Description

Fas (also known as surface antigen APO1 or CD95) is a member of the tumour-necrosis receptor factor family of death receptors. It acts as an inducer of both neurite growth in vitro and accelerated recovery after nerve injury in vivo. FAS antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. The antigen shows structural homology with a number of cell surface receptors, including tumor necrosis factor(TNF) receptors and the low-affinity nerve growth factor receptor(NGFR) and it is mapped to 10q24.1. The FAS/FASL system plays a key role in regulating apoptotic cell death and corruption of this signalling pathway has been shown to participate in immune escape and tumorigenesis.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Fas antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 26-173) was used as the immunogen for this Fas antibody.

## Storage

After reconstitution, the Fas antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.