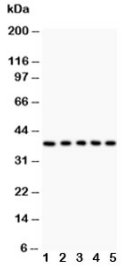
Fas Antibody / CD95 (R31665)

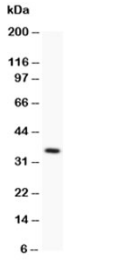
Catalog No.	Formulation	Size
R31665	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

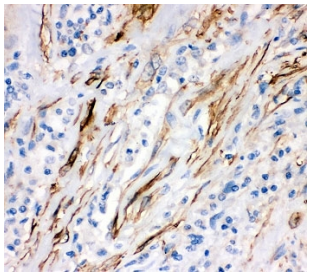
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	355
Localization	Cytoplasmic, membranous
Applications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



Fas Antibody WB. 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)



Fas Antibody Lung Cancer Immunohistochemistry. IHC-P: Fas antibody testing of human lung cancer tissue.

Description

Fas Antibody detects Fas (also known as surface antigen APO1 or CD95), 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.

For highly specific detection supported by extensive protein microarray validation, see our FAS antibody FAS/3112.

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.

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