

Datasheet for ABIN6261680
anti-FAS antibody (C-Term)



[Go to Product page](#)

2 Images **1** Publication

Overview

Quantity:	100 µL
Target:	FAS
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human FAS, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	FAS Antibody detects endogenous levels of total FAS.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	FAS
Alternative Name:	FAS (FAS Products)

Target Details

Background:	Description: Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro). Gene: FAS
Molecular Weight:	52 kDa
Gene ID:	355
UniProt:	P25445
Pathways:	p53 Signaling , Apoptosis , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

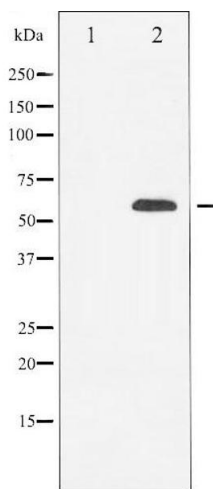
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

Publications

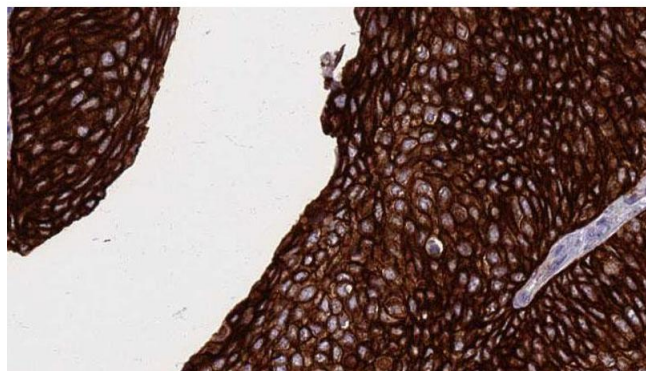
Product cited in: Qian, Zhang, Zhou, Liu, Yue, Guo, Sun, Lv, Chen: "Artesunate enhances $\gamma\delta$ T-cell-mediated antitumor activity through augmenting $\gamma\delta$ T-cell function and reversing immune escape of HepG2 cells." in: **Immunopharmacology and immunotoxicology**, Vol. 40, Issue 2, pp. 107-116, (2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of FAS expression in LOVO cells. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6268889 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.