

## Product datasheet for **AP23251PU-N**

### Fas (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Western blot:</b> Use at 1 µg/ml with the appropriate system to detect FAS in cells and tissues. <b>Immunohistochemistry on Frozen Sections:</b> Use at 1-2 µg/ml to detect FAS in Formalin or Acetone fixed tissues. <b>Immunohistochemistry on Paraffin Sections:</b> Use at 1-2 µg/ml to detect FAS in Formalin Fixed and Paraffin Embedded tissues. Antigen Retrieval by heat is required.
Reactivity:	Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminal of Rat FAS, different from the related Mouse sequence by seven amino acids.
Specificity:	Recognizes FAS. No cross reactivity with other proteins.
Formulation:	0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> State: Aff - Purified State: Lyophilized purified IgG fraction Stabilizer: 5 mg BSA Preservative: 0.05 mg Thimerosal and 0.05 mg Sodium Azide
Reconstitution Method:	Restore with 0.2 ml of distilled water to yield a concentration of 0.5 mg/ml.
Concentration:	0.5 mg/ml (after reconstitution)
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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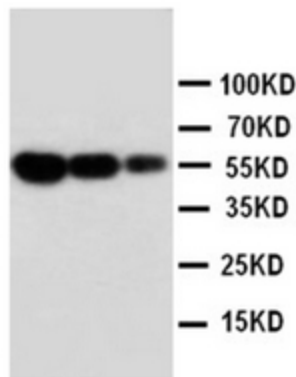
**Gene Name:** Fas (TNF receptor superfamily member 6)

**Database Link:** [Entrez Gene 246097 Rat](#)[Entrez Gene 14102 Mouse P25446](#)

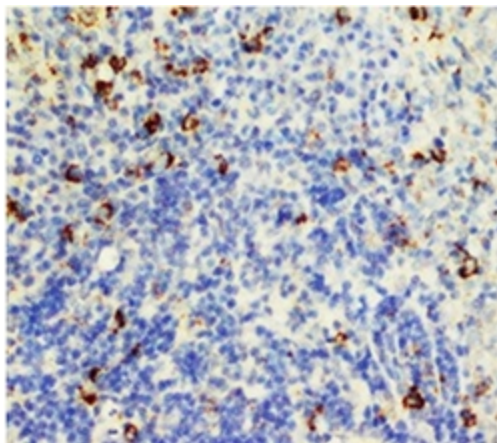
**Background:** FAS (also known as surface antigen APO1 or CD95) is a member of the tumour-necrosis receptor factor family of death receptors, can induce apoptosis or, conversely, can deliver growth stimulatory signals. It acts as an inducer of both neurite growth in vitro and accelerated recovery after nerve injury in vivo. Fas antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. The FAS 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 is mapped to 10q24.1. And the FAS and 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.

**Synonyms:** FASLG receptor, Apo-1 antigen, APT1, FAS1, TNFRSF6

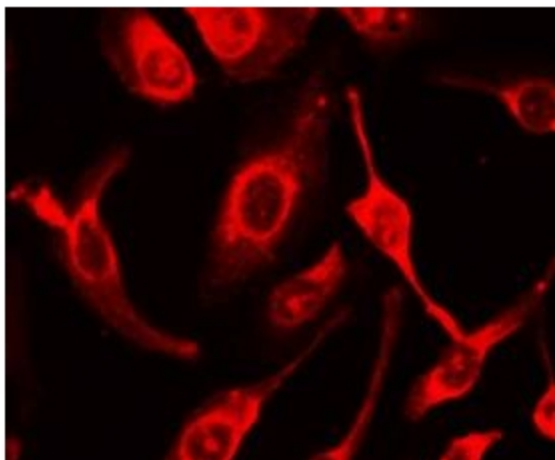
### Product images:



Lane 1: Recombinant Mouse FAS Protein 10ng. Lane 2: Recombinant Mouse FAS Protein 5ng. Lane 3: Recombinant Mouse FAS Protein 2.5ng.



Paraffin Rat Spleen tissue lysate stained with CD95 / FAS antibody



Immunocytochemical staining of HeLa Cells