

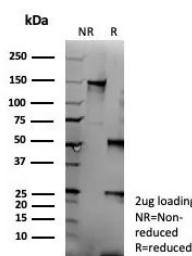
## Recombinant CD95 Antibody [clone FAS/9322R] (V5522)

Catalog No.	Formulation	Size
V5522-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5522-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5522SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	FAS/9322R
Purity	Protein A/G affinity
UniProt	P25445
Localization	Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant CD95 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant CD95 antibody (clone FAS/9322R) as confirmation of integrity and purity.

### Description

The FAS/9322R mAb specifically recognizes CD95, also known as Fas, a transmembrane glycoprotein with a MW of 40-45kDa, containing 8kDa of N-glycoside-linked polysaccharide. It is a receptor for TNFSF6/FASLG, a member of the

nerve growth factor receptor/tumor necrosis factor superfamily, mediating receptor-triggered apoptosis. 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). CD95 antigen is expressed on the surface of various cell types, preferentially on the CD45RA<sub>low</sub> CD45RO<sub>high</sub> subset of memory T lymphocytes.

## Application Notes

Optimal dilution of the recombinant CD95 antibody should be determined by the researcher.

## Immunogen

Recombinant human CD95 protein was used as the immunogen for the recombinant CD95 antibody.

## Storage

Aliquot the recombinant CD95 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.