Polyclonal Sheep anti Human TNF RI/TNFRSF1A

ORDERING INFORMATION

Catalog Number:	hAP-5514
Size:	50 µg
Storage:	< -20 °C
Immunogen:	E. coli-derived recombinant human TNF RI/TNFRSF1A
Ig Type:	IgG
Purification:	Antigen Affinity Purified
Applications:	WB ICC FC

Preparation:

This antibody was produced from a sheep immunized with purified human TNF RI/TNFRSF1A protein.

Formulation and Storage:

The IgG fraction of immunized serum was purified by antigen affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution:

Reconstitute the antibody with 100 µl sterile PBS and the final concentration is 500 µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Specificity:

Detects human sTNF RI/TNFRSF1A in direct ELISAs and Western blots. In direct ELISAs and Western blots (non-reducing conditions), less than 10% cross-reactivity with recombinant mouse TNF sRI is observed. Additionally, in direct ELISAs, this antibody does not cross-react with recombinant human (rh) sTNF RII, recombinant mouse (rm) sTNF RII, rhTNF‑alpha, rmTNF‑alpha, rhTNF‑beta. This anti-human TNF RI antibody can interact with the cell surface 55 kDa human TNF RI and exhibits TNF agonist activities on the A549 human lung carcinoma cell line. This antibody also exhibits TNF agonist activities on the L‑929 mouse fibroblast cell line, suggesting that it has cross-species activity with mouse cell surface TNF RI.

Applications:

WB	Yes	1 : 1000 - 2000
ICC	Yes	1 : 100 - 200
FC	Yes	

Optimal dilutions should be determined by each laboratory for each application.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !