

## PRODUCT INFORMATION SUMMARY

### ANTI-Human sTNF Receptor-I (Polyclonal Rabbit)

PRODUCT NUMBER	RHF852	Purified	0.1 mg
PRODUCT NUMBER	RHF852B	Biotin Conjugate	50.0 ug

\* Antigen-affinity purified.

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

**Rabbit** polyclonal antibodies specific for human soluble Tumor Necrosis Factor Type I. Also known as CD120a, TNF-R55, TNFRSF1A and other synonyms. Developed using highly purified recombinant human sTNF receptor-I as immunogen. Further purified by **Antigen-affinity chromatography** to produce highly specific, high titre preparation.

**Source:** Rabbit serum.

#### Characterization:

ELISA: Antibody concentration of 0.5 ug/mL ( 100 uL/well) was used to detect 0.2 ng/well recombinant human sTNF Receptor. For **Biotin conjugate** use at 0.2 - 0.3 ug/mL (optimize all concentrations).

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane recombinant sTNF Receptor under both reducing and non-reducing conditions.

**NEUTRALIZATION:** Antibody concentration of 1.1 ug/mL was used to achieve one-half maximal inhibition of 0.3 ug/mL human sTNF receptor.

#### HANDLING AND STORAGE:

Reagent supplied as lyophilized. **Store frozen at -20 deg. C.** Purified antibody should be diluted with 100 uL sterile water. For **Biotin conjugate, reconstitute in 1.0 mL sterile water containing 0.1% BSA.** Further dilutions should be made in PBS ( pH 7.4) with protein-containing or other stabilizing medium (BSA or gelatin) to a concentration suitable for use in specific protocols. Store aliquots frozen for long-term storage. Reconstituted antibody is stable for approximately one month in liquid state without preservative. AVOID repeat freeze-thaw. Reagent is provided preservative-free.

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.**