



Goat Anti-Human TNF-alpha polyclonal antibody (CABT-LU244)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human TNF-alpha in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant canine TNF- alpha, recombinant bovine TNF- alpha, recombinant rat TNF- alpha, recombinant equine TNF- alpha, and recombinant cotton rat TNF- alpha is observed.
Target	Human TNF-alpha
Immunogen	E. coli-derived recombinant human TNF-alpha; Val77-Leu233
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Protein A or G purified
Conjugate	Unconjugated
Applications	ELISA, WB, Neut
Format	Lyophilized
Size	1 mg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Long time storage is recommended at -20°C.

BACKGROUND

Introduction

Tumor necrosis factor alpha (TNF-alpha), also known as cachectin and TNFSF2, is the prototypic ligand of the TNF superfamily. It is a pleiotropic molecule that plays a central role in inflammation, apoptosis, and immune system development. TNF-alpha is produced by a wide variety of immune and epithelial cell types.
