

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CTRP4/C1qTNF4 in direct ELISAs and Western blots. In Western blots, approximately 10% cross-reactivity with recombinant human (rh) CTRP5 is observed and less than 1% cross-reactivity with rhCTRP1 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CTRP4/C1qTNF4 Leu17-Leu329 Accession # Q9BXJ3
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Intracellular Staining by Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Cq1TNF4, also known as CTRP4, is a secreted protein and is one of at least 9 paralogs of Acrp30/Adiponectin. Proteins in this family contain a globular C-terminal domain similar to that of the C1q and TNF ligand family. C1qTNF4 is the only family member that lacks the collagen-like domain but has two C1q domains. Mature human C1qTNF4 shares 92.4% amino acid sequence homology with the corresponding region of mouse C1qTNF4.

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