

Product datasheet for **TA385965**

TNF alpha (TNF) Human Monoclonal Antibody [Clone ID: CDP 571 (Humicade)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CDP 571 (Humicade)
Applications:	ELISA
Reactivity:	Human
Host:	Human
Clonality:	Monoclonal
Immunogen:	Human TNF-alpha
Specificity:	The antibody binds to human TNF-alpha with a Kd of 0.087 nM.

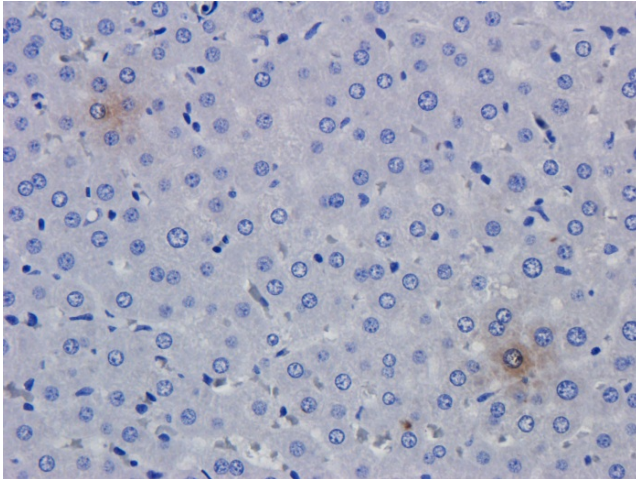
The antibody binds specifically to TNF-alpha, a pro-inflammatory cytokine which stimulates release of other cytokines e.g. IL-1, IL-6 and GM-CSF as well as secretion of ICAM-1 and VCAM-1 from endothelial cells. It stimulates acute phase responses and acts as a chemoattractant for NK cells and monocytes/macrophages. The antibody reached Phase II clinical trials with Celltech, UCB.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	tumor necrosis factor
Database Link:	Entrez Gene 7124 Human P01375
Synonyms:	Cachectin; DIF; TNF-a; TNF-alpha; TNFA; TNFSF2
Note:	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.

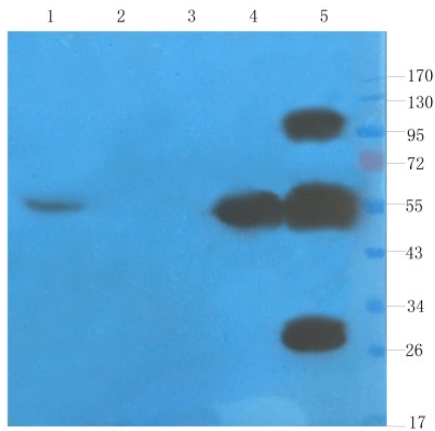


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Product images:



Immunohistochemical analysis of rat liver using anti-TNFalpha antibody TA385965. Formalin fixed rat liver slices were stained with a TA385965 at 5 µg/ml.



Western Blot using anti-TNFalpha antibody TA385965. Rat liver (lane 1), rat spinal cord (lane 2), mouse testis (lane 3), rat colon (lane 4) and human thyroid tumour (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed with TA385965 at 1 µg/ml before being detected by a secondary antibody. The expected band size for TNFalpha is 26 kDa, however dimers and other higher order complexes are well described in the literature too (c.f. Petersen 1989, PMID: 2583226). TA385965 successfully detected human and rat TNF alpha.