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Datasheet for ABIN5668143

Recombinant anti-TNF alpha (Humicade Biosimilar) antibody

2 Images

Overview

| | |
|----------------|---------------------------------|
| Quantity: | 200 µg |
| Target: | TNF alpha (Humicade Biosimilar) |
| Reactivity: | Human |
| Host: | Human |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Immunogen: | Human TNF-alpha |
| Clone: | CDP 571 |
| Isotype: | IgG4 kappa |
| Specificity: | The antibody binds to human TNF-alpha with a Kd of 0.087 nM. |
| Characteristics: | OriginalSpeciesName: Human OriginalFormat: IgG4 |
| Purification: | Purified antibody. |
| Purity: | > 98 % as determined by SDS-PAGE |
| Endotoxin Level: | Endotoxin is < 1.0 EU/mg as determined by the LAL method |

Target Details

| | |
|--------------|---|
| Target: | TNF alpha (Humicade Biosimilar) |
| Target Type: | Biosimilar |
| Background: | TNFA, Tumour necrosis factor superfamily member 2, TNFSF2 |
| UniProt: | P01375 |

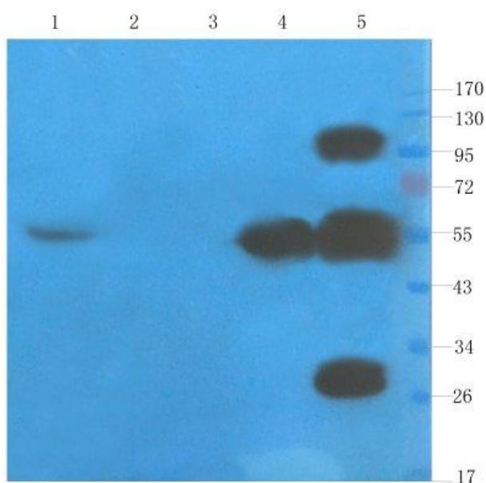
Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. |
| Restrictions: | For Research Use only |

Handling

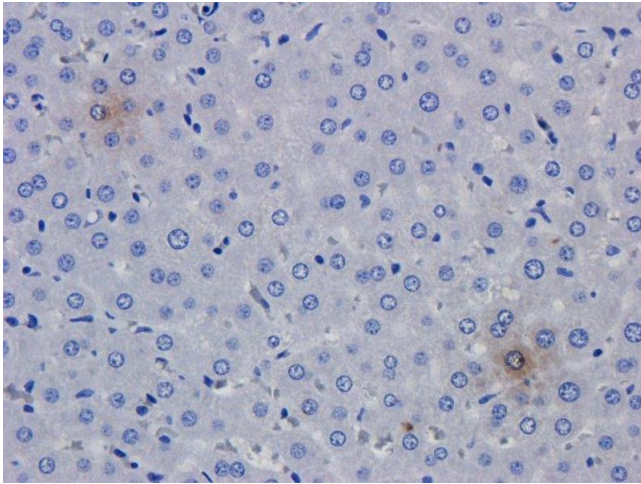
| | |
|--------------------|---|
| Buffer: | PBS with 0.02 % Proclin 300. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. |

Images



Western Blotting

Image 1. Western Blot using anti-TNFalpha antibody 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 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). successfully detected human and rat TNF alpha.



Immunohistochemistry

Image 2. Immunohistochemical analysis of rat liver using anti-TNFalpha antibody. Formalin fixed rat liver slices were stained with a at 5 µg/ml.