

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

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|-----------------------|--|----------------------|-----------|
| Product name | CRISP-3, Human, pAb | | |
| Catalog number | HP9033-20UG | | |
| Lot number | - | Expiry date | - |
| Volume | 200 µl | Amount | 20 µg |
| Formulation | 0.2 µm filtered in PBS+0.1%BSA+0.02%NaN3 | Concentration | 100 µg/ml |
| Host Species | Rabbit IgG | Conjugate | None |
| Endotoxin | N.A. | Purification | Protein A |
| Storage | 4°C | | |

Application notes

| | IHC-F | IHC-P | IF | FC | FS | IA | IP | W |
|-------------|-------|-------|----|----|----|----|----|---|
| Reference # | | | | | | | | |
| Yes | | • | | | | • | | • |
| No | | | | | | | | |
| N.D. | • | | • | • | • | | • | |

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

- IA: the antibody can be used as coating and detection.

General Information

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|------------------------------|---|
| Description | Cysteine-rich secretory protein 3 (CRISP-3; also known as SGP28) is a glycoprotein that belongs to the family of cysteine-rich secretory proteins (CRISPs) which was originally discovered in human neutrophilic granulocytes. CRISP-3 is also widely distributed in exocrine glands (salivary glands, pancreas and prostate), eosinophilic granulocytes and to a lower level in epididymis, ovary, thymus and colon. The presence of CRISP-3 in neutrophils, eosinophils and in exocrine secretions indicates a role in innate host defense. The antibody has been raised against recombinant C-terminally truncated form of CRISP-3 and recognizes both the N-glycosylated and non-glycosylated form of the mature protein. |
| References | <ol style="list-style-type: none"> 1. Kjeldsen, L et al; SGP28, a novel matrix glycoprotein in specific granules of human neutrophils with similarity to a human testis-specific gene product and a rodent sperm-coating glycoprotein. FEBS Lett 1996, 380: 246 2. Udby, L et al; An ELISA for SGP28/CRISP-3, a cysteine-rich secretory protein in human neutrophils, plasma, and exocrine secretions. J Immunol Methods 2002, 263: 43 3. Udby, L et al; Identification of human cysteine-rich secretory protein 3 (CRISP-3) as a matrix protein in a subset of peroxidase-negative granules of neutrophils and in the granules of eosinophils. J Leukoc Biol 2002, 72: 462 |
| Storage&stability | Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year. |
| Precautions | For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product. |

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Brenda Teunissen

Date
31/03/2021

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.