

Datasheet for ABIN648781

anti-CRISP3 antibody

2 Images

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Overview

| | |
|--------------|--|
| Quantity: | 100 µg |
| Target: | CRISP3 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CRISP3 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Cell-ELISA (cELISA) |

Product Details

| | |
|---------------|--|
| Immunogen: | genetic immunisation with cDNA encoding human Crisp3 |
| Clone: | LV-2A2 |
| Isotype: | IgG1 |
| Specificity: | FACS,Cell-ELISA |
| Purification: | Protein G |

Target Details

| | |
|-------------------|---|
| Target: | CRISP3 |
| Alternative Name: | Crisp3 (CRISP3 Products) |
| Background: | Cysteine-rich secretory protein 3 (CRISP3) belongs to the cysteine-rich secretory protein family. CRISPs are characterized by a cysteine-rich domain at the COOH terminal that form 8 |

Target Details

intramolecular disulfide bonds. Mammalian members of the CRISP family are expressed predominantly in the male reproductive tract and are implicated in the process of reproduction from spermiogenesis, posttesticular sperm maturation and capacitation to oocyte-sperm fusion. CRISP3 is epithelium-specific and found predominantly in salivary gland, pancreas and prostate, and in less abundance in the epididymis, ovary, thymus and colon. CRISP3 is up-regulated in malignant prostatic epithelium, therefore, it can be used as a potential prostate cancer biomarker.

UniProt: [P54108](#)

Application Details

Application Notes: Flow cytometry: 1.2 µg/10⁶ cells
CELISA: 1:200 - 1:400
For each application a titration should be performed to determine the optimal concentration.

Restrictions: For Research Use only

Handling

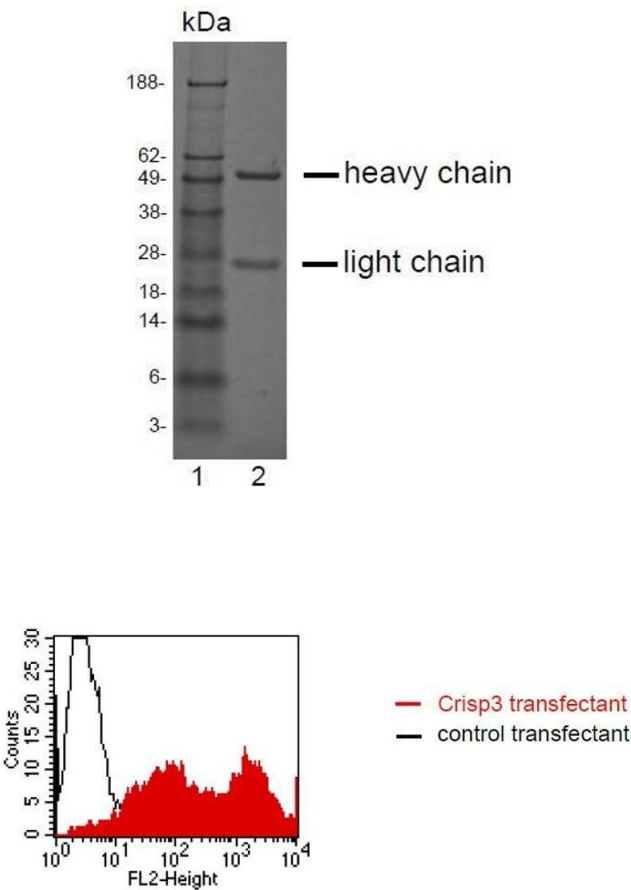
Concentration: 2 mg/mL

Buffer: PBS, pH 7.2

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C

Storage Comment: short term: 2 °C - 8 °C, long term: -20 °C



SDS-PAGE

Image 1. SDS-PAGE analysis of purified LV-2A2 monoclonal antibody. Lane 1: molecular weight marker, Lane 2: 2 µg of purified LV-2A2 antibody. Proteins were separated by SDS-PAGE and stained with RAPID Stain™ Reagent.

Flow Cytometry

Image 2. FACS analysis of BOSC23 cells using LV-2A2. BOSC23 cells were transiently transfected with an expression vector encoding either Crisp3 (red curve) or an irrelevant protein (control transfectant: black curve). Binding of LV-2A2 was detected with a PE-conjugated secondary antibody. A positive signal was obtained only with Crisp3 transfected cells.