



# Anti-CUTC monoclonal antibody (DCABH-11167)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | Members of the CUT family of copper transporters are associated with copper homeostasis and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]). |
| <b>Immunogen</b>           | A synthetic peptide of human CUTC is used for rabbit immunization.  |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Rabbit  |
| <b>Species Reactivity</b>  | Mouse, Rat, Human   |
| <b>Purification</b>        | Protein A   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | IP, WB  |
| <b>Size</b>                | 100 µl  |
| <b>Buffer</b>              | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant  |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## GENE INFORMATION

|                            |  |
|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">CUTC cutC copper transporter homolog (E. coli) [ Homo sapiens ]</a>  |
| <b>Official Symbol</b>     | CUTC   |
| <b>Synonyms</b>            | CUTC; cutC copper transporter homolog (E. coli); copper homeostasis protein cutC homolog; CGI 32; CGI-32; RP11-483F11.3; |
| <b>Entrez Gene ID</b>      | <a href="#">51076</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_057044</a>  |
| <b>UniProt ID</b>          | <a href="#">Q9NTM9</a>   |
| <b>Chromosome Location</b> | 10q24.31   |
| <b>Function</b>            | copper ion binding; copper ion binding; copper ion binding; metal ion binding;   |