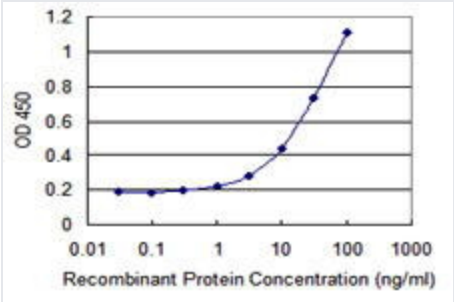
# UCRC Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

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| **Product Name** | UCRC, Monoclonal Antibody |
| **Full Product Name** | UCRC (Ubiquinol-cytochrome c Reductase Complex 7.2kD Protein, UQCR10, Cytochrome b-c1 Complex Subunit 9, Complex III Subunit 9, Complex III Subunit X, Cytochrome c1 Non-heme 7kD Protein, HSPC119) (PE) |
| **Product Gene Name** | anti-UCRC antibody |
| **Product Synonym Names** | QCR9; HSPC051; HSPC151; UCCR7.2 |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2b,k |
| **Clone Number** | 2B5 |
| **Host** | Mouse |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human UCRC. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Immunogen** | Full-length recombinant corresponding to aa1-64 from UCRC (AAH05402) with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | MAAATLTSKLYSLLFRRTSTFALTIIVGVMFFERAFDQGADAIYDHINEGKLWKHIKHKYENK* |
| **Conjugate** | PE |
| **Product Categories/Family for anti-UCRC antibody** | Antibodies; Cytochrome |
| **Applications Tested/Suitable for anti-UCRC antibody** | ELISA (EIA) |
| **Application Notes for anti-UCRC antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-UCRC antibody** | MBS6160964 is an antibody targeting UCRC. Also known as UCRC (Ubiquinol-cytochrome c Reductase Complex 7.2kD Protein, UQCR10, Cytochrome b-c1 Complex Subunit 9, Complex III Subunit 9, Complex III Subunit X, Cytochrome c1 Non-heme 7kD Protein, HSPC119) (PE). Reactive in Human. Host: Mouse. |
| **Other Notes** | Small volumes of anti-UCRC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Testing Data of anti-UCRC antibody**
Detection limit for recombinant GST tagged UCRC is 0.3ng/ml as a capture antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UCRC. It may not necessarily be applicable to this product.

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|---|---|
| **NCBI GI #** | 13529295 |
| **NCBI GeneID** | 29796 |
| **NCBI Accession #** | BC005402 |
| **UniProt Related Accession #** | Q9UDW1 |
| **NCBI Official Full Name** | Homo sapiens ubiquinol-cytochrome c reductase complex (7.2 kD), mRNA |
| **NCBI Official Synonym Full Names** | ubiquinol-cytochrome c reductase, complex III subunit X |
| **NCBI Official Symbol** | UQCR10 |
| **NCBI Official Synonym Symbols** | QCR9; UCRC; HSPC051; HSPC119; HSPC151; UCCR7.2 |
| **NCBI Protein Information** | cytochrome b-c1 complex subunit 9 |
| **NCBI Summary for UCRC** | UCRC is a subunit of mitochondrial complex III (ubiquinol-cytochrome c reductase; EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane (Schagger et al., 1995 [PubMed 8592474]).[supplied by OMIM, Mar 2008] |
| **Research Articles on UCRC** | **1.** Reciprocal fusion gene involving UQCR10 and C1orf194 is associated with spinal ependymoma. |
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