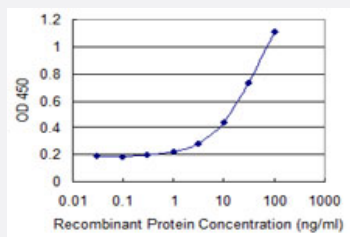


UCRC monoclonal antibody (M07), clone 2B5

Catalog # H00029796-M07

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UCRC is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant UCRC.
Immunogen	UCRC (AAH05402, 1 a.a. ~ 63 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAATLSKLYSLLFRRTSTFALTIVGVMFFERAFDQGADAIYDHINEGKLWKHIHKYENK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UCRC is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — UCRC

Entrez GeneID [29796](#)

GeneBank Accession# [BC005402](#)

Protein Accession# [AAH05402](#)

Gene Name UCRC

Gene Alias HSPC051, HSPC119, HSPC151

Gene Description ubiquinol-cytochrome c reductase complex (7.2 kD)

Omim ID [610843](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations 7.2kDa cytochrome c1-associated protein subunit|complex III subunit X|cytochrome C1, nonheme 7kDa protein|ubiquinol-cytochrome c reductase complex 7.2kDa protein

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)