

Recombinant UQCRFS1/RISP Monoclonal Antibody

catalog number: **AN301884L**

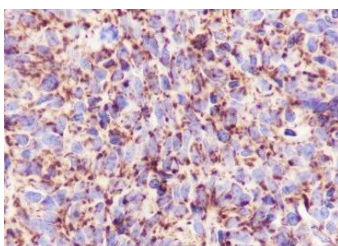
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human UQCRFS1/RISP fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A596
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:100



Immunohistochemistry of paraffin-embedded Human cervical cancer using UQCRFS1/RISP Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Ubiquinol-cytochrome c reductase iron-sulfur subunit (UQCRFS1), also known as Rieske iron-sulfur protein (RISP), is a component of Complex III in the mitochondrial electron transport chain. UQCRFS1/RISP and two other subunits, cytochrome b (MT-CYB) and cytochrome c1 (CYC1), are essential for the catalytic activity of Complex III. Studies show that UQCRFS1/RISP is required for fetal mouse hematopoietic stem cell differentiation and adult mouse hematopoietic stem cell quiescence. In addition, loss of UQCRFS1/RISP decreases the strength of T cell receptor (TCR) signaling, indicating that this protein is critical for optimal TCR signaling.

For Research Use Only