

ICT1 Conjugated Antibody

Catalog No: #C27543



Package Size: #C27543-AF350 100ul #C27543-AF405 100ul #C27543-AF488 100ul
 #C27543-AF555 100ul #C27543-AF594 100ul #C27543-AF647 100ul
 #C27543-AF680 100ul #C27543-AF750 100ul #C27543-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | ICT1 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | most applications |
| Species Reactivity | Hu,Ms,Rt |
| Immunogen Description | Recombinant fusion protein of human ICT1 (NP_001536.1). |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | MRPL58; DS-1; DS1; ICT1; MRP-L58; mitochondrial ribosomal protein L58 |
| Accession No. | Swiss-Prot#:Q14197NCBI Gene ID:3396 |
| Uniprot | Q14197 |
| GeneID | 3396; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 24kDa |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The protein encoded by this gene is a peptidyl-tRNA hydrolase and a vital component of the large mitochondrial ribosome. The encoded protein serves as a ribosome release factor for this ribosome, which translates mitochondrial genes. This protein may be responsible for degrading prematurely-terminated polypeptides and for reusing stalled ribosomes. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only