



# Anti-RIPK1 monoclonal antibody, clone FQS5790-211 (DCABH-6488)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Product Overview</b>    | Rabbit monoclonal to RIP  |
| <b>Antigen Description</b> | Essential adapter molecule for the activation of NF-kappa-B. Following different upstream signals (binding of inflammatory cytokines, stimulation of pathogen recognition receptors, or DNA damage), particular RIPK1-containing complexes are formed, initiating a limited number of cellular responses. Upon TNFA stimulation RIPK1 is recruited to a TRADD-TRAF complex initiated by TNFR1 trimerization. There, it is ubiquitinated via Lys-63-link chains, inducing its association with the IKK complex, and its activation through NEMO binding of polyubiquitin chains. |
| <b>Immunogen</b>           | Recombinant fragment within Human RIP. The exact sequence is proprietary.Database link: Q13546  |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Rabbit  |
| <b>Species Reactivity</b>  | Human   |
| <b>Clone</b>               | FQS5790-211   |
| <b>Purity</b>              | Tissue culture supernatant  |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | WB, Flow Cyt  |
| <b>Positive Control</b>    | HeLa cells and cell lysates; Raji cell lysates.   |
| <b>Format</b>              | Liquid  |

|                |   |
|----------------|---|
| <b>Size</b>    | 100 µl  |
| <b>Buffer</b>  | pH: 7.2; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA                         |
| <b>Storage</b> | Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Ship</b>    | Shipped at 4°C.   |

## GENE INFORMATION

|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | <a href="#">RIPK1 receptor (TNFRSF)-interacting serine-threonine kinase 1 [ Homo sapiens ]</a>  |
| <b>Official Symbol</b>     | RIPK1   |
| <b>Synonyms</b>            | RIPK1; receptor (TNFRSF)-interacting serine-threonine kinase 1; receptor-interacting serine/threonine-protein kinase 1; RIP; RIP-1; cell death protein RIP; receptor interacting protein; receptor-interacting protein 1; serine/threonine-protein kinase RIP;  |
| <b>Entrez Gene ID</b>      | <a href="#">8737</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_003795</a>   |
| <b>UniProt ID</b>          | <a href="#">A0A024QZU0</a>  |
| <b>Chromosome Location</b> | 6p25.2  |
| <b>Pathway</b>             | Activated TLR4 signalling, organism-specific biosystem; Activation of Pro-Caspase 8, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation by HSP70, organism-specific biosystem; |
| <b>Function</b>            | ATP binding; death domain binding; death receptor binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity;  |