# Mouse anti-Human CD261 Monoclonal Antibody | anti-CD261 antibody

Anti-Hu CD261 Purified

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA128504** | **Mouse** | **Human** | **Immunocytochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay** |

## PRODUCT SYNONYMS

CD261; Monoclonal Antibody; Anti-Hu CD261 Purified; TNF receptor superfamily member 10a; DR4; APO2; TNFRSF10A TRAILR1; TRAIL receptor 1; TRAIL-R1; anti-CD261 antibody

## PRODUCT SPECIFICATIONS

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| **Host** | Mouse |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Clone Number** | DR-4-02 |
| **Specificity** | The mouse monoclonal antibody DR-4-02 recognizes an extracellular epitope of TRAIL-R1 (DR4), a human death receptor 4 expressed in most human tissues (spleen, peripheral blood leucocytes, thymus) and in a variety of tumour-derived cell lines. |
| **Purity/Purification** | Purified by Protein-A Affinity Chromatography |
| **Form/Format** | Phosphate buffered saline (PBS) solution with 15 mM sodium azide |
| **Concentration** | 1 mg/ml (varies by lot) |
| **Sequence Length** | 468 |
| **Applicable Applications for anti-CD261 antibody** | ICC (Immunocytochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry) |
| **Immunogen** | Fusion protein containing the extracellular part of TRAIL-R1 and the constant part of the heavy chain of the human IgG1. |
| **Preparation and Storage** | Store at 2-8 degree C. |

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-CD261 antibody** | TRAIL-R1 (CD261, DR4) is a type I transmembrane protein, also called TRAIL receptor 1. The ligand for this DR4 death receptor has been identified and termed TRAIL, which is a member of the TNF family. DR4, as many other receptors (Fas, TNFR1, etc.), mediates apoptosis and NF kappaB activation in many cells and tissues. Apoptosis, a programmed cell death, is a operating process in normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by coupled of certain cytokines (TNF family - TNF, Fas ligand) and their death domain containing receptors (TNFR1, Fas receptor). |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 259906438 |
| **NCBI GeneID** | 8797 |
| **NCBI Accession #** | NP_003835.3 |

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| **NCBI GenBank Nucleotide #** | NP_003835.3 |
| **UniProt Accession #** | O00220 |
| **NCBI Official Full Name** | tumor necrosis factor receptor superfamily member 10A |
| **NCBI Official Synonym Full Names** | TNF receptor superfamily member 10a |
| **NCBI Official Symbol** | TNFRSF10A |
| **NCBI Official Synonym Symbols** | DR4; APO2; CD261; TRAILR1; TRAILR-1 |
| **NCBI Protein Information** | tumor necrosis factor receptor superfamily member 10A |
| **UniProt Protein Name** | Tumor necrosis factor receptor superfamily member 10A |
| **UniProt Gene Name** | **TNFRSF10A** |
| **UniProt Synonym Gene Names** | APO2; DR4; TRAILR1; TRAIL receptor 1; TRAIL-R1 |
| **UniProt Entry Name** | TR10A_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/cd261-antibody-clone-dr-4-02-immunocytochemistry-immunoprecipitation-flow-cytometry-elisa/128504