

Mouse anti-Human DR4 Monoclonal Antibody | anti-DR4 antibody

Monoclonal Antibody to DR4 (Clone: ABM1B11) FITC Conjugated

CATALOG # AAA78399	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

DR4; Monoclonal Antibody; Monoclonal Antibody to DR4 (Clone: ABM1B11) FITC Conjugated; TNFRSF10A; APO2; TRAILR1; Death receptor 4; TRAIL receptor 1; TNF-related apoptosis-inducing ligand receptor 1; anti-DR4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	ABM1B11
Purity/Purification	Purified Protein G Chromatography
Form/Format	100ug in 500ul Tris and 0.05% sodium azide. Sodium azide is highly toxic
Sequence Length	468
Applicable Applications for anti-DR4 antibody	FCM/FACS (Flow Cytometry)
Immunogen	A partial length recombinant human DR4 protein (amino acids 2-203 was used as an immunogen for this antibody.
Conjugation	FITC
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months.

IMAGES



FCM/FACS (Flow Cytometry)

Intracellular FLOW analysis of Jurkat cells using 0.5 ug of antibody. Red represents FITC conjugated DR4 antibody AAA78399 (Clone: ABM1B11). Green represents FITC conjugated mouse IgG1 isotype control.

ADDITIONAL INFORMATION

Related Product Information for anti-DR4 antibody	Death receptor 4 (DR4) or TRAIL-R1, a member of the tumor necrosis factor receptor superfamily, is a cell surface receptor that triggers the apoptotic machinery upon binding to its ligand tumor necrosis factor-related apoptosis-inducing ligand (TRAIL). DR4 is expressed in most of human tissues including spleen, peripheral blood leukocytes, small intestine and thymus. DR4 expression is enhanced by DNA damage whether induced by ionizing radiation or by chemotherapeutic agents. On binding DR4, TRAIL induces cell death via caspase-dependent apoptosis. DR4 mediate oligomeric Abeta induction of extrinsic apoptotic pathways in human microvascular cerebral endothelial cells with activation of both caspase-8 and caspase-9. It is considered a promising molecular target for cancer therapy.
Product Categories/Family for anti-DR4 antibody	Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	259906438
NCBI GeneID	8797
NCBI Accession #	NP_003835.3
NCBI GenBank Nucleotide #	NM_003844.3
UniProt Accession #	O00220; Q53Y72; Q96E62; A8K5I4
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

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dr4-antibody-clone-abm1b11-flow-cytometry-elisa/78399>