

Datasheet: AHP488

BATCH NUMBER 168354

Description:	RABBIT ANTI HUMAN CD262
Specificity:	CD262
Other names:	DR5, TRAIL-R2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/500 - 1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to human CD262 (DR5) were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen Synthetic peptide corresponding to amino acids 388-407 of human CD262 (DR5)

External Database Links

UniProt:

[O14763](#) [Related reagents](#)

Entrez Gene:

[8795](#) TNFRSF10B [Related reagents](#)

Synonyms DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

RRID AB_322894

Specificity

Rabbit anti Human CD262 antibody recognizes human Tumor necrosis factor receptor superfamily member 10B, also known as CD262, Death receptor 5 or TNF-related apoptosis-inducing ligand receptor 2. CD262 is a 385 amino acid ~60 kDa single pass type I transmembrane protein acting as a Receptor for the cytotoxic ligand TNFSF10/TRAIL.

Mutations in the TNFRSF10B gene has been implicated in the development of Squamous cell carcinoma of the head and neck ([HNSCC](#)) a non melanoma cancer affecting the head and neck.

References

1. Graf, D. *et al.* (2003) Inhibition of taurochenodeoxycholate 3-sulfate-induced apoptosis by cyclic AMP in rat hepatocytes involves protein kinase A-dependent and -independent mechanisms. [Arch Biochem Biophys. 415 \(1\): 34-42.](#)

Further Reading

1. Chaudhary, P.M. *et al.* (1997) Death receptor 5, a new member of the TNFR family, and DR4 induce FADD-dependent apoptosis and activate the NF-kappaB pathway. [Immunity. 7 \(6\): 821-30.](#)

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP488>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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