

Datasheet: AHP1806

Description:	GOAT 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	▪			1/150
ELISA	▪			1/75,000
Immunoprecipitation			▪	
Western Blotting			▪	

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human CD262 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Synthetic peptide APQQRSSPSEGLCPPGHHISEDGRDC corresponding to amino acids 68-94 of

the extracellular domain of human CD262.

External Database**Links****UniProt:**[O14763](#)[Related reagents](#)[Q9QZM4](#)[Related reagents](#)**Entrez Gene:**[8795](#)

TNFRSF10B

[Related reagents](#)[21933](#)

Tnfrsf10b

[Related reagents](#)

Synonyms

Dr5, DR5, Killer, KILLER, TRAILR2, TRICK2, ZTNFR9

Specificity

Goat anti Human CD262 antibody recognizes CD262, otherwise known as DR5/TRAIL-R2, a broadly expressed death domain containing receptor and member of the TNF-receptor superfamily, which acts as a mediator for CD253/TRAIL induced apoptosis in a variety of tumor and transformed cells, but not in normal cells. Expression of CD262 is regulated by tumor suppressor p53, and CD262 is highly expressed by tumour cell lines. Studies suggest that the death domain containing adaptor protein FADD, is required for CD262-mediated apoptosis, and that FADD recruits caspase-8 to the activated receptor. Goat anti Human CD262 antibody is suitable for use in immunocytochemistry.

Flow CytometryUse 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

ELISA

This product is suitable for use in indirect ELISA applications.

Histology Positive Control Tissue

Spleen

Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10304 available at:

10304: <https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

'M316703:180607'

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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