

Datasheet: AHP1567

Description:	GOAT ANTI HUMAN CD318 (C-TERMINAL)
Specificity:	CD318 (C-TERMINAL)
Other names:	CD318
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	■			1/16000
Immunoprecipitation			■	
Western Blotting	■			1.0 - 3.0ug/ml

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
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human CD318 (CT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Peptide sequence C-PLLNTQEPMEPAE corresponding to the C-Terminal region of CD318 (NP_073753.3).
External Database	UniProt:

Links

[Q9H5V8](#)[Related reagents](#)

Entrez Gene:

[64866](#)

CDCP1

[Related reagents](#)

Synonyms

TRASK

Specificity

Goat anti Human CD318 antibody recognises an epitope within the C-terminal (CT) region of isoform 1 of human CD318, otherwise known as CDCP1 (CUB domain-containing protein 1), a novel type I transmembrane protein expressed on the surface of haematopoietic stem cell subsets, epithelial cells and breast carcinoma, and up-regulated in metastatic lung and colorectal tumours.

Expression of CD318 on CD34⁺CD133⁺ leukaemic blasts from patients with AML (acute myeloid leukaemia) and CML (chronic myeloid leukaemia), suggesting a role for CD318 as a novel leukaemic diagnostic marker ([Uhr 2013](#)).

Western Blotting

AHP1567 detects a band of approximately 90kDa in human colon cell lysates.

Storage

Store at +4°C or at -20°C if preferred.

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 #10057 available at:

10057: <https://www.bio-rad-antibodies.com/uploads/MSDS/10057.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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