

Datasheet: AHP2049

Description:	RABBIT ANTI COLLAGEN VI
Specificity:	COLLAGEN VI
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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)	▪			1 - 5 µg/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence			▪	
Functional Assays			▪	

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.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Species Cross Reactivity	Reacts with: Bovine Based on sequence similarity, is expected to react with: Mammals N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to Collagen IV was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	0.125M Sodium Borate, 0.075 Sodium Chloride, 0.005M EDTA
Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
Approx. Protein	Total protein concentration 1.0 mg/ml

Concentrations

Immunogen Collagen Type VI from Human and Bovine Placenta.

External Database Links

UniProt:

[P12109](#) [Related reagents](#)

Entrez Gene:

[1291](#) COL6A1 [Related reagents](#)

Specificity

Rabbit anti Human collagen VI antibody detects mammalian collagen type VI, also known as COL6A, a secreted extracellular matrix protein involved in cellular adhesion.

Collagen type specific antibodies are dependent on non-denatured three-dimensional epitopes. Therefore, the reactivity and selectivity of this antibody will be significantly reduced if denatured and reducing conditions of SDS-PAGE and immunblotting are used.

Histology Positive Control Tissue

Human breast or lung

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 #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR54...) [HRP](#)

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000A\)](#)

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)

[HISTAR DETECTION SYSTEM \(STAR3000C\)](#)

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

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

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