

Datasheet: AHP1745

**BATCH NUMBER 145975**

<b>Description:</b>	GOAT ANTI HUMAN FGF 10
<b>Specificity:</b>	FGF 10
<b>Other names:</b>	FIBROBLAST GROWTH FACTOR 10
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/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.

**(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.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilised
<b>Reconstitution</b>	<p>Reconstitute with 0.1ml distilled water</p> <p>Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.</p>

**Antiserum Preparation** Antiserum to human FGF 10 were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	None present
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<b>Carrier Free</b>	Yes
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<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml after reconstitution
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<b>Immunogen</b>	Recombinant human FGF 10
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<b>External Database Links</b>	<b>UniProt:</b> <a href="#">O15520</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">2255</a> FGF10 <a href="#">Related reagents</a>
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<b>RRID</b>	AB_2262728
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<b>Specificity</b>	<p><b>Goat anti Human FGF 10 antibody</b> recognizes human FGF 10 (fibroblast growth factor 10), a member of the heparin-binding growth factors family which act as promoters of cellular differentiation and proliferation, and therefore play key roles in embryonic development, morphogenesis, tissue regeneration and tumour growth and invasion.</p> <p>FGF 10 signals through binding to the FGF Receptor (FGFR) 2b, and has structural and biological activities similar to that of FGF 7. Defects in FGF 10 are responsible for the autosomal dominant disorders known as lacrimo-auriculo-dento-digital syndrome (<a href="#">LADDS</a>), and aplasia of lacrimal and salivary glands (<a href="#">ALSG</a>).</p>
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<b>Storage</b>	<p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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<b>Guarantee</b>	Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10162 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP1745">https://www.bio-rad-antibodies.com/SDS/AHP1745</a> 10162
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Useful Reagents

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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