

Product datasheet

Anti-Tspan-8 antibody ab70007

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Overview

Product name	Anti-Tspan-8 antibody
Description	Rabbit polyclonal to Tspan-8
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Tspan-8 (internal sequence).
Positive control	293 cell extract COLO cell extract HeLa cells
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p> <p>Without Mg²⁺ and Ca²⁺</p>
Purity	Immunogen affinity purified
Purification notes	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

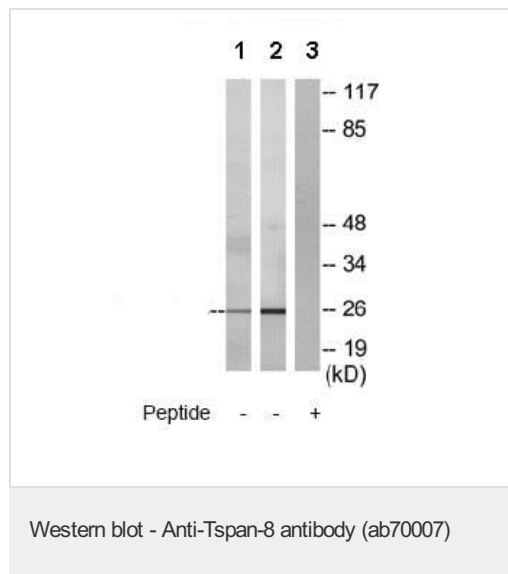
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab70007 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa).
ICC/IF		1/500 - 1/1000.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Tissue specificity	Gastric, colon, rectal, and pancreatic carcinomas.
Sequence similarities	Belongs to the tetraspanin (TM4SF) family.
Cellular localization	Membrane.

Images



All lanes : Anti-Tspan-8 antibody (ab70007) at 1/500 dilution

Lane 1 : 293 cell extract

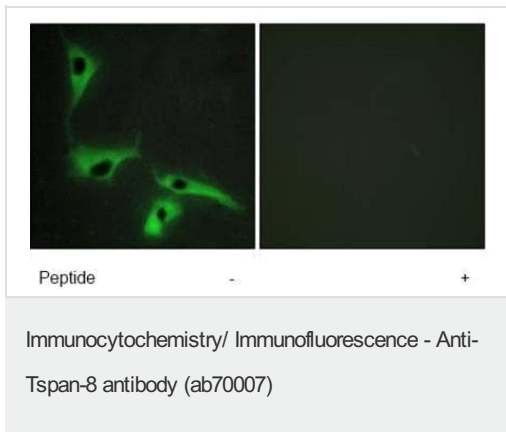
Lane 2 : COLO cell extract

Lane 3 : COLO cell extract with immunising peptide at 10 µg

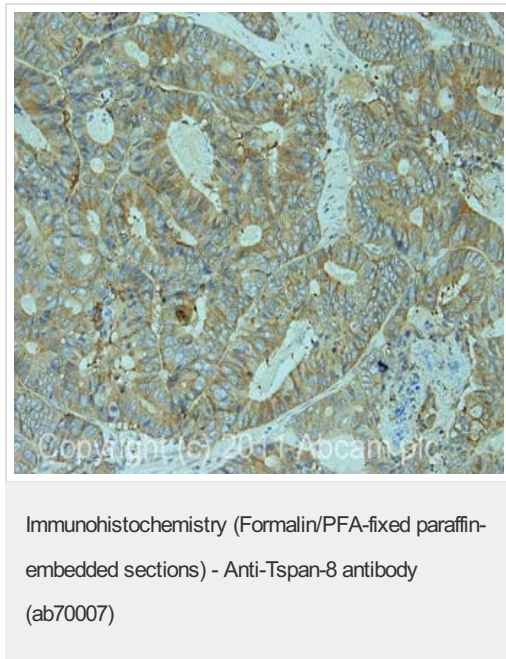
Lysates/proteins at 30 µg per lane.

Predicted band size: 26 kDa

Observed band size: 26 kDa



Immunofluorescence of HeLa cells treated with ab70007 at 1/500 dilution. Right panel was treated with immunising peptide.



IHC image of ab70007 staining in human colon cancer formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab70007, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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