

Product datasheet

Anti-Fas Ligand antibody ab186671

4 References

Overview

Product name	Anti-Fas Ligand antibody
Description	Goat polyclonal to Fas Ligand
Host species	Goat
Tested applications	Suitable for: WB, IHC-P, Sandwich ELISA, Neutralising
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human Fas Ligand. CHO cell derived. Database link: P48023
General notes	<p>Although some customers have been successful in IHC we no longer batch test in this application.</p> <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	Lyophilized:Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Purity	Immunogen affinity purified
Purification notes	ab186671 was purified by affinity chromatography employing immobilized Human Fas Ligand/Apo1L matrix.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab186671 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		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Sandwich ELISA		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration. ab186671 at a concentration of 0.08 - 0.1 ug/ml yields one-half maximal inhibition [ND50] of the biological activity of Fas Ligand (10 ng/ml).

Target

Function	Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells. May be involved in cytotoxic T-cell mediated apoptosis and in T-cell development. TNFRSF6/FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. Binding to the decoy receptor TNFRSF6B/DcR3 modulates its effects.
Involvement in disease	Defects in FASLG are the cause of autoimmune lymphoproliferative syndrome type 1B (ALPS1B) [MIM:601859]; also known as Canale-Smith syndrome (CSS). ALPS is a childhood syndrome involving hemolytic anemia and thrombocytopenia with massive lymphadenopathy and splenomegaly.
Sequence similarities	Belongs to the tumor necrosis factor family.
Post-translational modifications	N-glycosylated. The soluble form derives from the membrane form by proteolytic processing.
Cellular localization	Cell membrane. Secreted. May be released into the extracellular fluid, probably by cleavage from the cell surface.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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