Fas polyclonal antibody

Fas/APO-1/CD95 is a 36 kDa cell surface type I-membrane glycoprotein with an apparent molecular weight of 44 kDa on SDS-PAGE. Fas belongs to the tumor necrosis factor receptor (TNFR) family, which includes TNFR1, TNFR2, CD27, CD30 and CD40. Binding of Fas-ligand (FasL) to Fas or crosslinking of Fas by anti-Fas monoclonal antibodies leads to apoptosis of Fas expressing cells. Both Fas and TNFR contain a 70 amino acid cytoplasmic “death domain” responsible for transmitting signals for apoptosis. Apoptosis induced by Fas-Fas ligand interaction is inhibited by a number of cytosolic factors such as the ICE/CED3 family inhibitor CrmA, and the short and long forms of FLIP. Insertion of an early transposable element in intron 2 of the Fas gene, as in the mouse lpr mutations, causes lymphoproliferation and autoimmunity in mutant mice, suggesting the involvement of Fas in clonal deletion of autoreactive T cells.

This antibody is covered by our Worry-Free Guarantee.

Citations: 2 View Online »

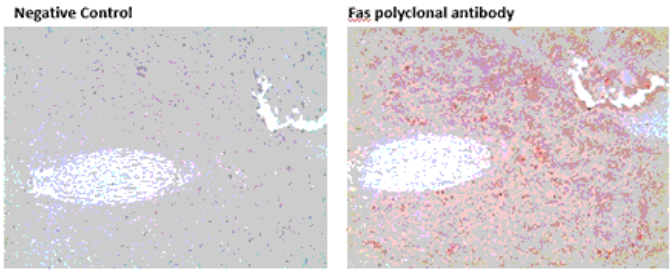
Ordering Information

Order Online »

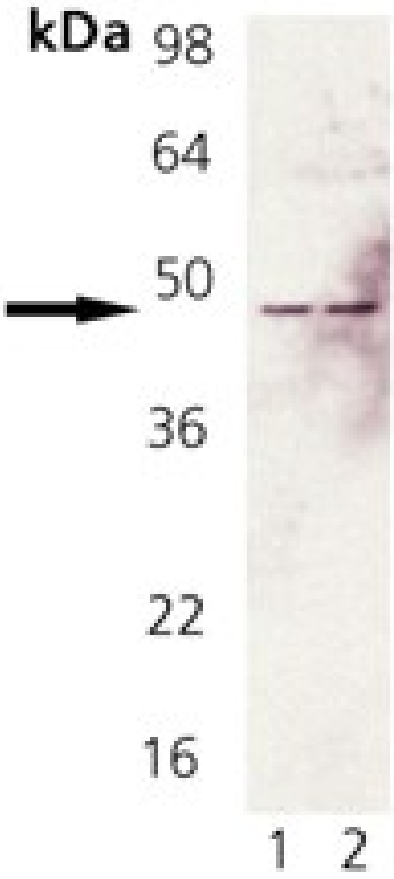
ADI-AAP-221-F	200µg

Manuals, SDS & CofA

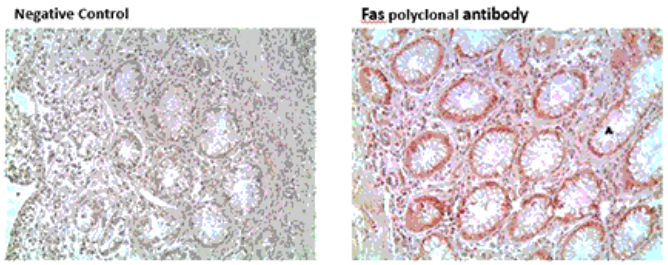
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Immunohistochemistry analysis of formalin-fixed, paraffin-embedded human spleen tissue stained with Fas polyclonal antibody, (Prod. No. ADI-AAP-221) at 10µg/ml.



Western Blot Analysis of Fas pAb : Lane 1: Rat Brain Tissue Extract, Lane 2: Mouse Brain Tissue Extract.



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded human colon tumor tissue stained with Fas polyclonal antibody, (Prod. No. ADI-AAP-221) at 10µg/ml.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CD95, APO-1, TNFRSF 6
Application	IHC, WB
Application Notes	Detects a band of ~45kDa by Western blot.
Formulation	Liquid. In PBS, pH 7.2, containing 0.09% sodium azide.
GenBank ID	M83649
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of mouse Fas.
Purity Detail	Peptide affinity purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (1:50)Western Blot (1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Human, Mouse, Rat
UniProt ID	P25446
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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