Caspase-8 (human) monoclonal antibody (12F5)

This antibody is covered by our Worry-Free Guarantee.

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ALX-804-242-C100	100µg

Manuals, SDS & CofA View Online »

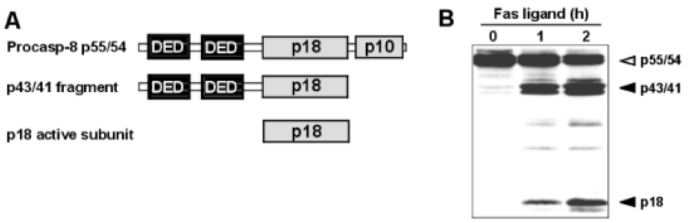


Figure:

(A) Schematic structure of caspase-8 and its cleavage products as detected by anti-caspase-8 (12F5). The antibody is directed against the p18 subunit and detects procaspase-8 (p55/54), the intermediate cleavage products of 43kD and 41kD and the p18 active subunit of caspase-8.

(B) Detection of Fas ligand-induced caspase-8 processing and activation in human Jurkat cells.

Method: Jurkat cells were treated with Fas ligand (100ng/ml). After the indicated time points cell lysates were prepared and separated on a 12.5% SDS-PAGE (2×10^6 cells/lane) under reducing conditions. Proteins were immunoblotted with anti-caspase-8 12F5 (1µg/ml). Following incubation with peroxidase-conjugated secondary antibodies caspase-8 processing was detected by enhanced chemoluminescent staining. The open arrowhead indicates the two isoforms of procaspase-8 (caspase-8/a and caspase-8/b), which are cleaved into the intermediate forms p43 and p41 and finally processed to the active p18 subunit (filled arrowheads).

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	FLICE
Application	IHC (FS), IP, WB
Clone	12F5
Crossreactivity	Does not cross-react with mouse caspase-8.
Formulation	Liquid. In 0.15M PBS, pH 7.2, containing 1% BSA and 0.01% thimerosal.
Host	Mouse
Immunogen	Recombinant human caspase-8.
Isotype	IgG2b
Purity Detail	Protein G-affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:100)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Specificity	Recognizes procaspase-8 and active caspase-8. Detects procaspase-8 (p55/54), the intermediate cleavage products (p43/41) and the p18 active subunit of caspase-8 by Western blot.
UniProt ID	Q14790

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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