

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

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Citations: 80

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ALX-804-242-C100

100µg

Manuals, SDS & CofA

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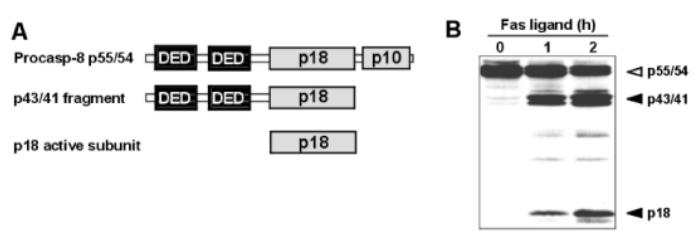


Figure:

(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 (1 μ g/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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