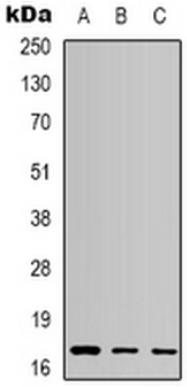
Product Datasheet

Anti-active Caspase 3 Antibody (orb1421516)

Description	Mouse monoclonal antibody to active Caspase 3.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC, WB
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Clonality	Monoclonal
Clone Number	CASP3
Uniprot ID	**P42574**
Dilution Range	WB: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/50 - 1/200), IF: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/50 - 1/200)
Expiration Date	12 months from date of receipt.



Western blot analysis of active Caspase 3 expression in Hela (A), NIH3T3 (B), rat brain (C) whole cell lysates.

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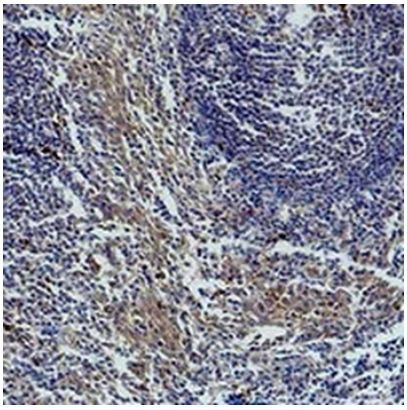
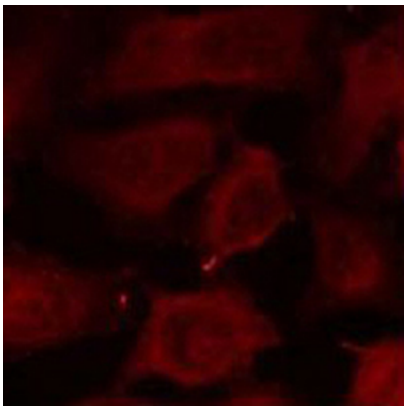


Immunohistochemical analysis of active Caspase 3 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of active Caspase 3 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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