

## Product Datasheet

### Active Caspase 3 Monoclonal Antibody GRP629

<b>Description</b>	Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-I-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin. Triggers cell adhesion in sympathetic neurons through RET cleavage.
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC-P, WB
<b>Immunogen</b>	Recombinant human Active Caspase 3
<b>Form/Appearance</b>	0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Concentration</b>	1ug/ul
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Purified by Protein A.
<b>Clone ID</b>	70
<b>Uniprot ID</b>	<b>P42574</b>
<b>Entrez</b>	<b>836</b>
<b>Dilution Range</b>	WB: 1:300, IHC-P: 1:400

