

Active Caspase 3 Mouse Monoclonal Antibody(5E1)

Catalog No.: RA10026

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	17KD

Applications

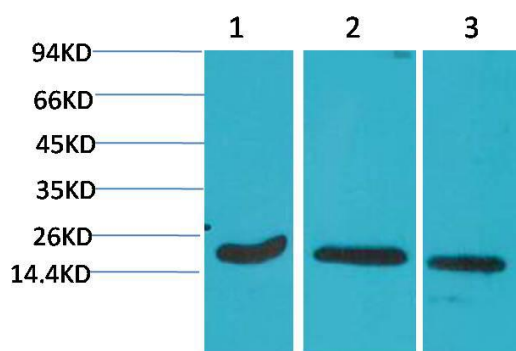
Recommended Dilution

WB	1:500-1,000
IHC	1:100-200

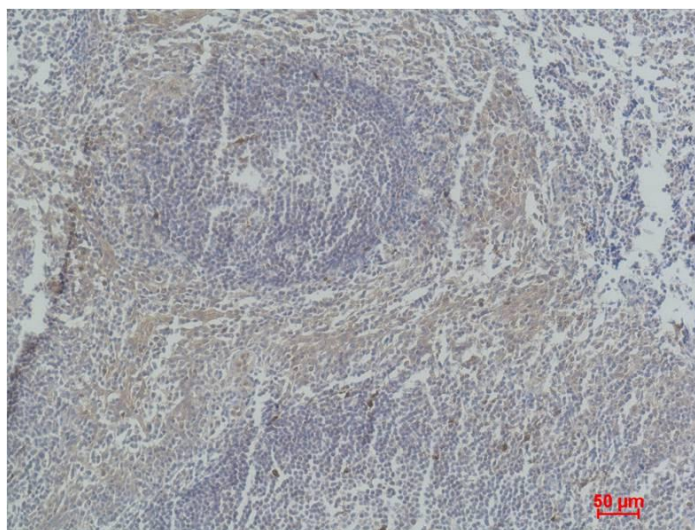
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1)HeLa, 2)3T3, 3)Rat Brain Tissue with Active Caspase 3 Mouse mAb diluted at 1:1,000.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using Active Caspase 3 Mouse mAb diluted at 1:200.

Background

Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments. Cleavage of caspase-3 requires aspartic acid at the P1 position.