



# ELK Biotechnology

STAT3 Mouse mAb

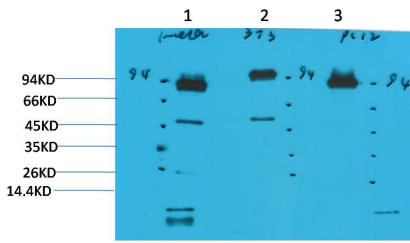
Catalog NO.: EM1207

For research use only.

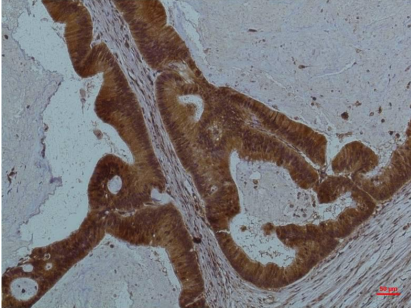
## Overview

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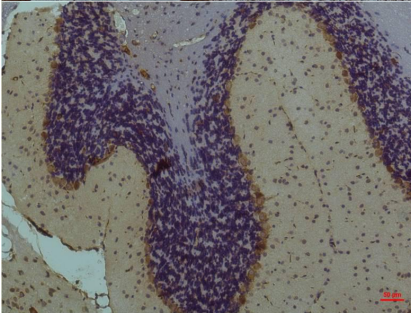
Product name	STAT3 Mouse Monoclonal antibody
Source	Mouse
Applications	<b>WB IHC</b>
Species reactivity	<b>Human Rat Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>Immunohistochemistry:1/100-200</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	<b>7986kDa</b>
GenelD (Human)	6774
Human Swiss-Prot No.	P40763
Cellular localization	Cytoplasm Nucleus
Alternative Names	APRF antibody HIES antibody Signal transducer and activator of transcription 3 antibody
Background	Signal transducer and activator of transcription 3 also known as STAT3 is a transcription factor which in humans is encoded by the STAT3 gene. Stat3 is constitutively activated in a number of human tumors and possesses oncogenic potential and anti-apoptotic activities.



Western blot analysis of) HeLa 2)3T3 3) PC12 with STAT3 Mouse mAb EM1207 diluted at:2000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma using STAT3 (EM1207) Mouse mAb diluted at:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using STAT3 (EM1207) Mouse mAb diluted at:200.