

35-1576: Polyclonal Antibody to SAPK/JNK (Ab-183)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Mouse,Rat
Gene :	MAPK9
Gene ID :	5601
Uniprot ID :	P45984/P53779
Format :	Purified
Alternative Name :	JNK2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.181~185 (M-M-T-P-Y) derived from Human SAPK/JNK.

Description

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 46 54 kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

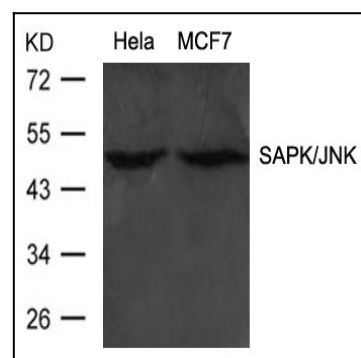


Figure 1: Western blot analysis of extracts from HeLa and MCF cells using SAPK/JNK(Ab-183) Antibody 35-1576 .

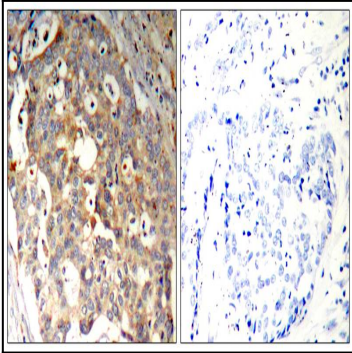


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SAPK/JNK(Ab-183) Antibody 35-1576 (left) or the same antibody preincubated with blocking peptide(right).