

JAK1 Rabbit mAb (AR1484)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	133kD (Calculated) 133kD (Observed)

Recommended Dilution Ratios

IHC:	1:100-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

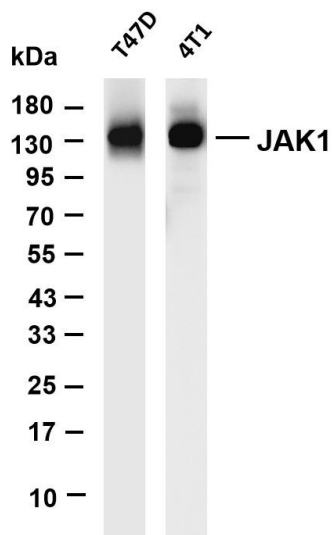
Specificity	Endogenous
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Target Information

Gene name	JAK1 JAK1A JAK1B
Protein Name	JAK1

	Organism	Gene ID	UniProt ID
	Human	3716	P23458
	Mouse		P52332
Cellular Localization	Endomembrane system; Peripheral membrane protein. Wholly intracellular, possibly membrane associated.		
Tissue specificity	Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue.		

Validation Data



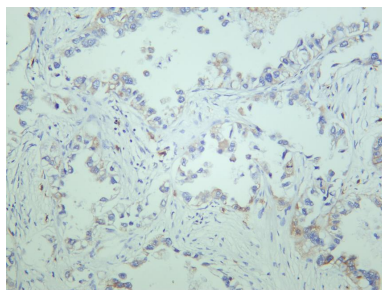
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-JAK1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: T47D

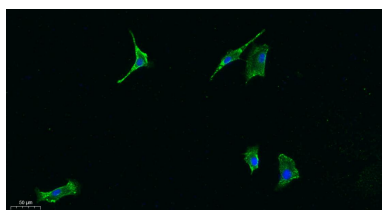
Lane 2: 4T1

Predicted band size: 133kDa

Observed band size: 133kDa



Human lung carcinoma was stained with anti-JAK1 rabbit antibody



Immunofluorescence analysis of A549.

1. primary Antibody was diluted at 1:200(4°C overnight).
2. Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).
3. DAPI (blue) 10min.

Immunofluorescence analysis of rat-lung tissue.

1. JAK1 Monoclonal Antibody(red) was diluted at 1:200(4 ° C, overnight).
2. Cy3 labeled Secondaryantibody was diluted at 1:300(room temperature, 50min).
3. DAPI (blue) 10min.

Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

