



# Mouse Anti-Human p40 monoclonal antibody, clone JID151 (CABT-L2843)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
<b>Specificity</b>	Human p40
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JID151
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Reconstitution</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
<b>Positive Control</b>	Squamous Cell Carcinoma of Lung
<b>Format</b>	Liquid
<b>Size</b>	Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
<b>Buffer</b>	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C. Do not freeze.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Anti-p40 recognizes squamous and basal cells, the shortest variant of p53, and ΔNp63, an isoform of p63. p40 has been indicated as an alternative to p63 for the detection of Squamous Cell Carcinoma (SqCC), offering the advantage of eliminating potential misinterpretation of a positive adenocarcinoma as a SqCC.
<b>Keywords</b>	IL-12b;Interleukin 12b;p40;IL-12b;IL12p40;IL-12p40

## GENE INFORMATION

<b>Gene Name</b>	IL12B interleukin 12B [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL12B
<b>Synonyms</b>	IL12B; interleukin 12B; CLMF; NKSF; CLMF2; IMD28; IMD29; NKSF2; IL-12B; interleukin-12 subunit beta; CLMF p40; IL-12 subunit p40; IL12, subunit p40; interleukin 12, p40; interleukin-12 beta chain; NK cell stimulatory factor chain 2; cytotoxic lymphocyte maturation factor 40 kDa subunit; natural killer cell stimulatory factor, 40 kD subunit; interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40);
<b>Entrez Gene ID</b>	<a href="#">3593</a>
<b>Protein Refseq</b>	NP_002178
<b>UniProt ID</b>	<a href="#">P29460</a>
<b>Chromosome Location</b>	5q31.1-q33.1
<b>Pathway</b>	African trypanosomiasis; Allograft Rejection; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response; Herpes simplex infection;
<b>Function</b>	contributes_to cytokine activity; cytokine receptor activity; contributes_to growth factor activity; identical protein binding; interleukin-12 alpha subunit binding; interleukin-12 receptor binding; contributes_to interleukin-12 receptor binding; contributes_to interleukin-23 receptor binding; protein binding; protein heterodimerization activity; protein homodimerization activity;