



# Mouse Anti-Human Fascin monoclonal antibody, clone JID684 (CABT-L2782)

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

## PRODUCT INFORMATION

**Product Overview**

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 Fascin
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JID684
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Reconstitution</b>	<p>The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.</p> <p>The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.</p>
<b>Positive Control</b>	Hodgkin Lymphoma
<b>Format</b>	Liquid
<b>Size</b>	Predilut: 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>	Fascin is an actin cross-linking protein associated with cell motility. Fascin is detectable in dendritic cells, Reed-Sternberg cells, nodular sclerosis variants, mixed cellularity, and lymphocyte depletion in Hodgkin's disease, while being undetectable in lymphoid cells, plasma cells, and myeloid cells. Anti-Fascin is useful for differentiating between Hodgkin's and non-Hodgkin lymphoma. As Fascin is absent in neoplastic follicles in follicular lymphoma, Anti-Fascin is useful for differentiating these lymphomas from reactive follicular hyperplasia where the number of follicular dendritic cells are normal or increased.
<b>Keywords</b>	FSCN1;fascin actin-bundling protein 1;HSN;SNL;p55;FAN1;fascin;55 kDa actin-bundling protein;fascin homolog 1, actin-bundling protein;singed-like (fascin homolog, sea urchin);

## GENE INFORMATION

<b>Gene Name</b>	FSCN1 fascin actin-bundling protein 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FSCN1
<b>Synonyms</b>	FSCN1; fascin actin-bundling protein 1; HSN; SNL; p55; FAN1; fascin; 55 kDa actin-bundling protein; fascin homolog 1, actin-bundling protein; singed-like (fascin homolog, sea urchin);
<b>Entrez Gene ID</b>	<a href="#">6624</a>
<b>Protein Refseq</b>	NP_003079
<b>UniProt ID</b>	<a href="#">B3KTA3</a>
<b>Chromosome Location</b>	7p22
<b>Pathway</b>	MicroRNAs in cancer;
<b>Function</b>	actin binding; actin filament binding; drug binding; poly(A) RNA binding; protein binding; protein binding, bridging;