

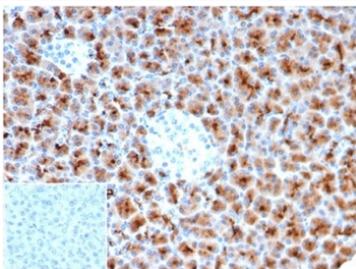
## Recombinant FSCN1 Antibody / Fascin 1 [clone rFSCN1/6464] (V9573)

Catalog No.	Formulation	Size
V9573-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9573-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9573SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

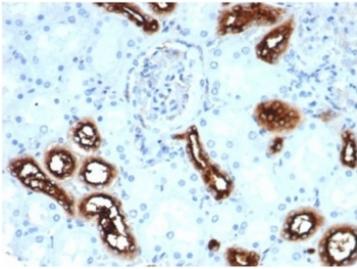
Recombinant **MOUSE MONOCLONAL**

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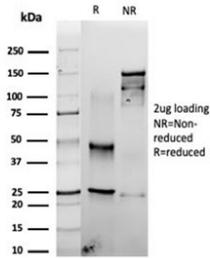
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Recombinant Mouse Monoclonal
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	rFSCN1/6464
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q16658
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This recombinant FSCN1 antibody is available for research use only.



IHC staining of FFPE human pancreas tissue with recombinant FSCN1 antibody (clone rFSCN1/6464) at 2ug/ml in PBS for 30min RT. Cytoplasmic staining observed. Negative control inset: PBS used instead of primary antibody to control for secondary Ab binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human kidney tissue with recombinant FSCN1 antibody (clone rFSCN1/6464) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant FSCN1 antibody (clone rFSCN1/6464) as confirmation of integrity and purity.

## Description

Recognizes a protein of 55kDa, which is identified as Fascin-1. Its actin binding ability is regulated by phosphorylation. Antibody to fascin-1 is a very sensitive marker for Reed-Sternberg cells and variants in nodular sclerosis, mixed cellularity, and lymphocyte depletion Hodgkin's disease. It is uniformly negative in lymphoid cells, plasma cells, and myeloid cells. Fascin-1 is also expressed in dendritic cells. This marker may be helpful to distinguish between Hodgkin lymphoma and non-Hodgkin lymphoma in difficult cases. Also, the lack of expression of fascin-1 in the neoplastic follicles in follicular lymphoma may be helpful in distinguishing these lymphomas from reactive follicular hyperplasia in which the number of follicular dendritic cells is normal or increased. Antibody to fascin-1 has been suggested as a prognostic marker in neuroendocrine neoplasms of the lung as well as in ovarian cancer. Fascin-1 expression may be induced by Epstein-Barr virus (EBV) infection of B cells with the possibility that viral induction of fascin in lymphoid or other cell types must also be considered in EBV-positive cases.

## Application Notes

Optimal dilution of the recombinant FSCN1 antibody should be determined by the researcher.

## Immunogen

Full length recombinant human protein was used as the immunogen for the recombinant FSCN1 antibody.

## Storage

Aliquot the recombinant FSCN1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.