

# Fibroblasts Monoclonal Antibody (ER-TR7)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	ER-TR7
Conjugate	Unconjugated
Immunogen	Mouse thymic stromal cells
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein G
Storage buffer	PBS with 0.1% BSA
Contains	0.02% sodium azide
Storage conditions	4° C
RRID	AB_1074409

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	1:50	1 Publication
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	1:50	-

## Product Specific Information

MA1-40076 detects Fibroblasts from mouse samples. MA1-40076 is cross reactive with human tonsil fibroblasts. It does not cross react with purified laminin, collagen types I-V, fibronectin, heparin sulfate proteoglycan,entactin or nidogen.

MA1-40076 has been successfully used in immunohistochemistry (frozen and parrafin), flow cytometry, and immunofluorescence applications. Suggested positive control is spleen

The MA1-40076 immunogen is mouse thymic stromal cells.

Suggested positive control: Spleen; Suggested negative control: Lymphoid cells.

Immunohistochemistry (Paraffin) (1)

<b>Nature communications</b>	<b>Year</b> 2022
<b>Periarteriolar spaces modulate cerebrospinal fluid transport into brain and demonstrate altered morphology in aging and Alzheimer's disease.</b>	<b>Species</b> Mouse
"MA1-40076 was used in Immunohistochemistry-paraffin-immunofluorescence to show that PVS morphology in mice is variable and that the structure and function of pia suggests a previously unrecognized role in regulating CSF transport and amyloid clearance in aging and disease."	
Authors: Mestre H,Verma N,Greene TD,Lin LA,Ladron-de-Guevara A,Sweeney AM,Liu G,Thomas VK,Galloway CA,de Mesy Bentley KL,Nedergaard M,Mehta RI	

Immunohistochemistry (Frozen) (1)

<b>Biomedicine &amp; pharmacotherapy = Biomedecine &amp; pharmacotherapie</b>	<b>Year</b> 2022
<b>In vitro and in vivo correlation of skin and cellular responses to nucleic acid delivery.</b>	<b>Species</b> Mouse
"MA1-40076 was used in Immunohistochemistry-frozen immunofluorescence to investigate the immune response in skin cells, including keratinocytes, fibroblasts, and macrophages, following plasmid DNA electrotransfer, revealing upregulation of DNA sensors and cytokines."	
Authors: Bosnjak M,Znidar K,Sales Conniff A,Jesenko T,Markelc B,Semenova N,Tur J,Kohena K,Kranjc Brezar S,Heller L,Cemazar M	
	<b>Dilution</b> 1:100

Immunocytochemistry (1)

<b>PLoS genetics</b>	<b>Year</b> 2014
<b>Knock-in reporter mice demonstrate that DNA repair by non-homologous end joining declines with age.</b>	<b>Species</b> Mouse
"MA1-40076 was used in immunocytochemistry to examine non-homologous end joining in aging mice"	
Authors: Vaidya A,Mao Z,Tian X,Spencer B,Seluanov A,Gorbunova V	

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