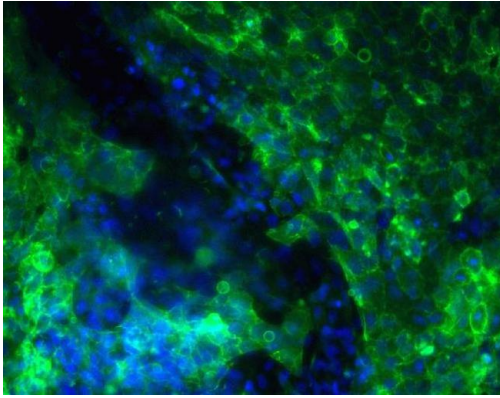


# SSEA4 Monoclonal Antibody (MC-813-70)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Rabbit, Human, Mouse
Host/Isotype	Mouse / IgG3
Class	Monoclonal
Type	Antibody
Clone	MC-813-70
Conjugate	Unconjugated
Immunogen	Human SSEA4 antigen
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533506

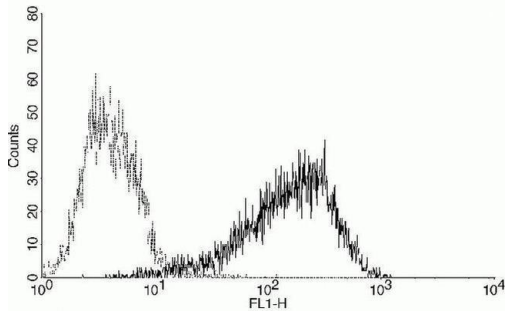
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunocytochemistry (ICC/IF)	Assay-dependent	26 Publications
Flow Cytometry (Flow)	Assay-dependent	5 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

## Product Images For SSEA4 Monoclonal Antibody (MC-813-70)



### SSEA4 Antibody (41-4000) in ICC/IF

Immunofluorescent analysis of Shef 4 Human ES cell line using mouse anti-SSEA4 antibody (Product # 41-4000).



### SSEA4 Antibody (41-4000) in Flow

Histogram from flow cytometric analysis of NTERA-2 cells stained with either SSEA4 Monoclonal Antibody, Mouse (clone MC813-70) (Product # 41-4000) (black line) or mouse IgG isotype control (gray line) followed by detection with FITC-conjugated goat anti-mouse IgG (Product # M32601).

[View more figures on thermofisher.com](http://thermofisher.com)

## Immunohistochemistry (2)

### Cytotechnology

#### A study to identify and characterize the stem/progenitor cell in rabbit meniscus.

"41-4000 was used in immunocytochemistry to examine the role of meniscus-derived stromal cells in healing"

Authors: Huang H,Wang S,Gui J,Shen H

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2016

### BMC musculoskeletal disorders

#### Characterization of differential properties of rabbit tendon stem cells and tenocytes.

"41-4000 was used in immunocytochemistry to characterize rabbit tendon stem/progenitor cells"

Authors: Zhang J,Wang JH

**Species**  
Not Applicable

**Dilution**  
1:500

**Year**  
2010

## Immunocytochemistry (26)

### Stem cells international

#### Differential Characterization of Two Kinds of Stem Cells Isolated from Rabbit Nucleus Pulposus and Annulus Fibrosus.

"Published figure using SSEA4 monoclonal antibody (Product # 41-4000) in Immunofluorescence"

Authors: Sang C,Cao X,Chen F,Yang X,Zhang Y

**Species**  
Rabbit

**Dilution**  
1:500

**Year**  
2022

### Stem cell research

#### Establishment of an iPSC cohort from three unrelated 47-XXY Klinefelter Syndrome patients (KAUSTi007-A, KAUSTi007-B, KAUSTi009-A, KAUSTi009-B, KAUSTi010-A, KAUSTi010-B).

"41-4000 was used in Flow Cytometry to describe the derivation of multiple 47-XXY iPSC lines from three unrelated KS patients to study the impact of supernumerary X chromosome during early development."

Authors: Aloysi M,Fiacco E,Astro V,Adamo A

**Species**  
Human

**Dilution**  
1:50

**Year**  
2020

[View more ICC/IF references on thermofisher.com](#)

## More applications with references on thermofisher.com

Flow (5)

Misc (2)

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