

# SSEA-5 antibody [8e11]

**Cat. No. GTX70019**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	ICC/IF, FCM, IHC
<b>Reactivity</b>	Human

References ( 3 )

Package

100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	1:50-1:1000
FCM	1:50
IHC	Assay dependent

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No Preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Undifferentiated human embryonic stem cells
<b>Purification</b>	Protein G affinity purified
<b>Conjugation</b>	Unconjugated

### Note

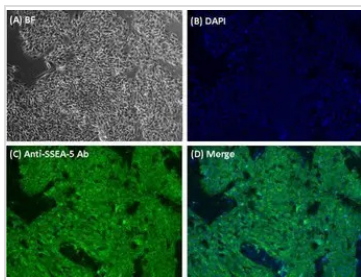
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## DATA IMAGES



### GTXT70019 ICC/IF Image

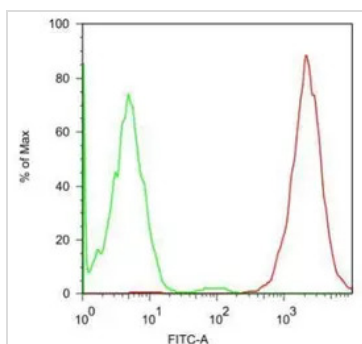
Immunofluorescent analysis of 4% FA fixed human embryonic stem cells H9 using anti-SSEA-5 Ab (1:50 dilution).

(A) Brightfield image

(B) Dapi

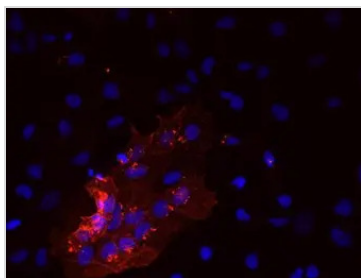
(C) anti-SSEA-5 Ab

(D) Merged image of anti-SSEA-5 Ab and DAPI



### GTXT70019 FCM Image

Pluripotent stem cell population indicated by SSEA5-staining. Human embryonic stem cells H9 were analyzed with SSEA-5 mAb (pseudo-colored in red) and control IgG (pseudo-colored in green) in flow cytometry. Each Ab was used at a 1:50 dilution in PBS.



### GTXT70019 ICC/IF Image

Immunofluorescent analysis of 4% PFA fixed human embryonal carcinoma cell line Tera using anti-SSEA-5 Ab (1:1000 dilution). SSEA-5 positive cells (red) represented pluripotent population; negative cells represented differentiated population. DAPI (Blue) indicated nuclear staining.



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