

SSEA-5 antibody [8e11]

Cat. No. GTX70019

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Applications	ICC/IF, FCM, IHC
Reactivity	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

Form	Liquid
Buffer	PBS
Preservative	No Preservative
Storage	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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Undifferentiated human embryonic stem cells
Purification	Protein G affinity purified
Conjugation	Unconjugated

Note

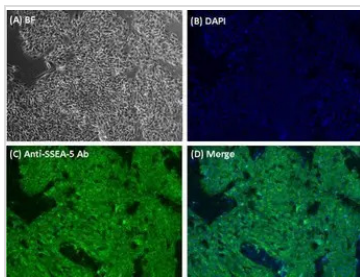
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DATA IMAGES



GTx70019 ICC/IF Image

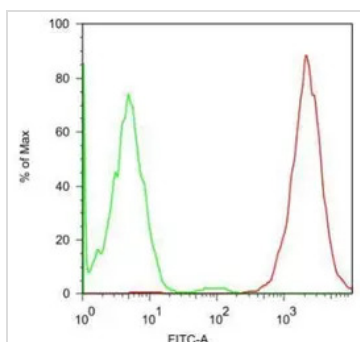
Immunofluorescent analysis of 4% FA fixed human embryonic stem cells H9 using anti-SSEA-5 Ab (1:50 dilution).

(A) Brightfield image

(B) Dapi

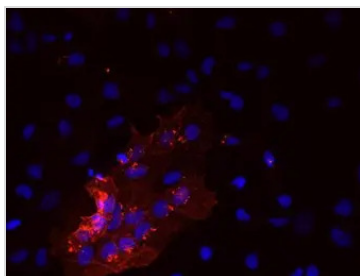
(C) anti-SSEA-5 Ab

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



GTx70019 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.



GTx70019 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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