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

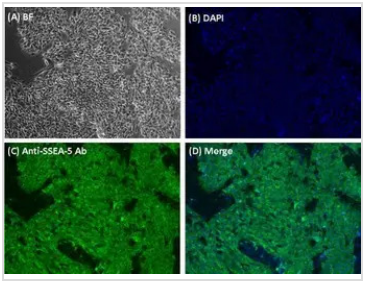
Form	Liquid
Buffer	PBS
Preservative	No Preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Undifferentiated human embryonic stem cells
Purification	Protein G affinity purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

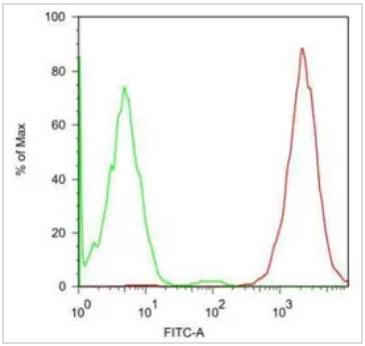
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

DATA IMAGES



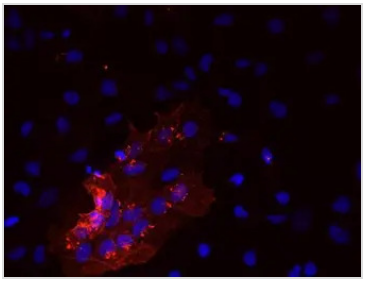
GTX70019 ICC/IF Image

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.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com