

SSEA-4 Antibody (Clone MC-813-70)
Mouse Monoclonal Antibody
Catalog # ABV10055**Specification**

SSEA-4 Antibody (Clone MC-813-70) - Product Information

Application	WB, IHC, FC, IP
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG3, kappa

SSEA-4 Antibody (Clone MC-813-70) - Additional Information

Application & Usage	Flow (cell Surface), IHC, IP, Western Blot
Other Names	
SSEA-4, Stage-Specific Embryonic Antigen-4	

Target/Specificity
SSEA-4**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
25 µg in 50 ul PBS containing 0.05% BSA and 0.05% sodium azide.**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
SSEA-4 Antibody (Clone MC-813-70) is for research use only and not for use in diagnostic or therapeutic procedures.**SSEA-4 Antibody (Clone MC-813-70) - Protein Information****SSEA-4 Antibody (Clone MC-813-70) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SSEA-4 Antibody (Clone MC-813-70) - Images

SSEA-4 Antibody (Clone MC-813-70) - Background

This antibody reacts with the Stage-specific embryonic antigen-4 (SSEA-4) that is expressed upon the surface of human teratocarcinoma stem cells (EC), human embryonic germ (EG) cells) and human embryonic stem (ES) cells. No immunoreactivity is evident with undifferentiated murine EC, ES and EG cells. Expression of SSEA-4 is down-regulated following differentiation of human EC cells. In contrast, the differentiation of murine EC and ES cells may be accompanied by an increase in SSEA-4 expression.