

## Fibroblasts antibody

Mouse monoclonal Antibody to Fibroblasts

Catalog Number **SM1214P**

- Specificity:** SM1214 recognizes a 112 kD molecule expressed on the cell surface of human fibroblasts. The antigen is not expressed by peripheral blood cells, and is found at low levels on a minority of melanoma cell lines. Studies upon the antigen have shown it to be sensitive to SDS but resistant to trypsin, tunicamycin and collagenase. In immunohistochemical studies the antibody has also been found to bind to epithelium, myoepithelium and smooth muscle cells. Does not react on mouse and rat.
- Immunogen:** Human foreskin fibroblasts
- Host:** Mouse
- Clone Name:** D7-FIB
- Isotype:** IgG2a
- Uses and Dilutions:** Flow cytometry (1:50 - 1:100), Immunohistochemistry on frozen tissues or cells (1:100, does not work on paraffin sections) and immunoprecipitation. Optimal dilutions depend on application and should be determined by the user.
- Form:** 0.2 mg / 1 mg/ml, This antibody is supplied purified on Protein G in PBS pH 7.4 containing 0.1% sodium azide as preservative.
- Storage:** Store at 4 degrees C for one month or at -20 degrees C for longer. Avoid repeated freezing and thawing. Shelf live: one year from despatch.
- Limitations:** This product is for research use only and is not approved for use in humans or in clinical diagnosis.
- General References:**
1. Int. J. Cancer 50:621-627 (1992)
  2. J. Immunol. Meths. 146: 257 (1992)