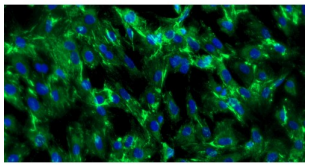
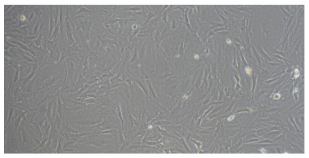
Rat Neonatal Dermal Fibroblasts (NDF)

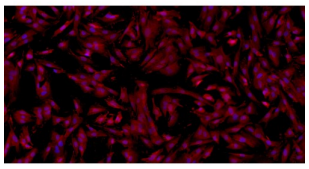
Catalogue No.:abx700147



Immunofluorescence identification of Fibronectin.



Morphology of P2 NDF (100X).



Immunofluorescence identification of Vimentin.

Rat Neonatal Dermal Fibroblasts (NDF) are Adherent Rat Fibroblast from Rat Neonatal Dermal tissue.

Target:	Neonatal Dermal Fibroblasts (NDF)
Origin:	Rat
Host:	Rat
Purity:	Negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast and fungi.
Storage:	Shipped at -70 °C. Upon receipt, store in liquid nitrogen (-196 °C). Avoid repeated freeze/thaw cycles.
Validity:	12 months.
Buffer:	Contains 90% FBS and 10% DMSO.

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Biological Activity: Cell activity: > 85% (viability by Trypan Blue exclusion)

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
This product is shipped with dry ice.

Directions for use: **Recommended Cell Culture Conditions:**
DMEM + 10% FBS + Rat Fibroblasts growth supplement + 1% Penicillin-Streptomycin Solution
Temperature: 37 °C Condition: 95% air, 5% carbon dioxide

Cell Recovery: Thaw cells in a 37 °C water bath with shaking until the mixture has dissolved. Transfer to a centrifuge tube and add culture medium (see Recommended Cell Culture Conditions above) at a volume 3-5 times the volume of the cells. Centrifuge at 1000 RPM for 5 minutes and discard the supernatant. Transfer to a T25 flask for culture.

Suggested Cell Passage Procedure: Cells should be 85-95% confluent before cell passage is carried out.

1. Discard the medium and wash with PBS 1-2 times.
2. Add 1 ml of Trypsin at 37 °C, then observe the cells under a microscope.
3. When the cells appear retracted and rounded, gently tap the culture flask to detatch the cells. Stop the trypsinization by adding 2 ml of culture medium containing 10% serum.
4. Add fresh medium to resuspend the cells. The recommended ratio of primary cells is 1/2. Pipette to obtain a single cell suspension.

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