Anti-Human Nestin-146Nd
Catalog: 3146015B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human,

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

Nestin is a Class VI intermediate filament (IF) protein expressed in a variety of stem and progenitor cells, including primitive neuroepithelial cells and pancreatic exocrine progenitor cells. Structurally, Nestin has the shortest head domain (N-terminus) and the longest tail domain (C-terminus) of the entire IF proteins. Nestin regulates not only protein function, but gene function as well via direct binding to DNA. Nestin expression is used extensively as a marker to identify CNS stem cells in the developing nervous system and in cultured cells in vitro.

References


For Research Use Only. Not for use in diagnostic procedures.