

## Desmin (I448) polyclonal antibody

Catalog: BS1712

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cytoskeletal intermediate filaments (IFs) constitute a diverse group of proteins that are expressed in a highly tissue-specific manner. Intermediate filaments are constructed from two-chain alpha-helical coiled-coil molecules arranged on an imperfect helical lattice and have been widely used as markers for distinguishing individual cell types within a tissue and identifying the origins of metastatic tumors. One such intermediate filament protein, Vimentin, is a general marker of cells originating in the mesenchyme. Vimentin is frequently co-expressed with other members of the intermediate filament family such as the cytokeratins, in neoplasms including melanoma and breast carcinoma. Vimentin and Desmin, a related class III intermediate filament, are both expressed during skeletal muscle development.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 54 kDa

### Swiss-Prot:

P17661

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

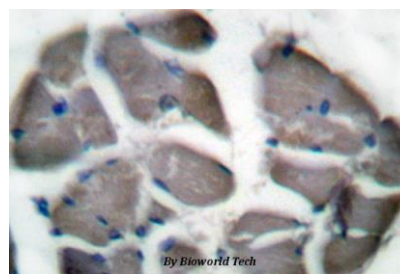
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Desmin (I448) polyclonal antibody detects endogenous levels of Desmin protein.

### DATA:



Immunohistochemistry (IHC) analyzes of Desmin (I448) pAb in paraffin-embedded human skeletal muscle tissue.

### Note:

For research use only, not for use in diagnostic procedure.

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