

## Musculin (R167) polyclonal antibody

Catalog: BS1886

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

MyoD-E or musculin-E heterodimers bind avidly to consensus E box motifs, which are functionally important elements in the promoter regions of many muscle-specific terminal differentiation genes. MyoD complexes potentially induce transcriptional activation, while musculin complexes bind adjacent to MyoD DNA-binding regions to represses MyoD activity, which then results in the delayed expression of muscle-specific genes. Musculin is highly expressed in undifferentiated and proliferating myoblasts in culture, and its expression is down regulated during myogenesis and at the onset of terminal differentiation.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 22 kDa

### Swiss-Prot:

O60682

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

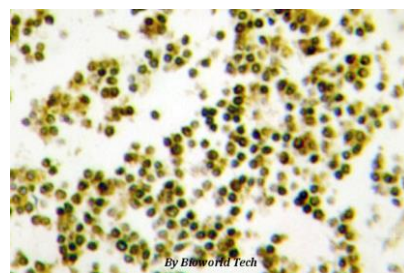
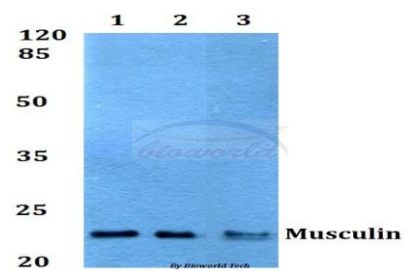
### Storage&Stability:

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

### Specificity:

Musculin (R167) polyclonal antibody detects endogenous levels of Musculin protein.

### DATA:



Immunohistochemistry (IHC) analyzes of Musculin (R167) pAb in paraffin-embedded human lymph node tissue.

### Note:

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

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