

## MZF-1 (D10) polyclonal antibody

Catalog: BS1972

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Zinc finger genes encode metal-binding proteins are transcriptional regulators of other genes. Myeloid zinc finger 1 (MZF-1), also designated zinc finger protein 42, and transcription factor ZBP-89, also designated zinc finger protein 148, belong to the Krüppel C2H2-type zinc-finger protein family. The gene encoding for the MZF-1 protein maps to chromosome 19q13.43, while the gene encoding for ZBP-89 is localized on chromosome 3q21.2. These proteins are nuclear proteins involved in the regulation of transcriptional events. MZF-1 regulates transcription during hemopoietic development and plays a role in myeloid cell differentiation. It regulates the CD34 promoter in a tissue-specific manner. MZF-1 and FHL3 can form a complex of high molecular mass with other proteins in the nucleus. MZF-1 is induced by retinoic acid and is primarily expressed in differentiating myeloid cells.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 82 kDa

### Swiss-Prot:

P28698

### 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:

WB: 1:500~1:1000

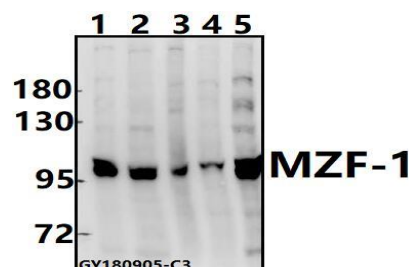
### Storage&Stability:

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

### Specificity:

MZF-1 (D10) pAb detects endogenous levels of MZF-1 protein.

### DATA:



Western blot (WB) analysis of MZF-1 (D10) pAb at 1:500 dilution

Lane1:MG63 whole cell lysate(30ug)

Lane2:Panc1 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)

Lane4:3T3-L1 whole cell lysate(40ug)

Lane5:K562 whole cell lysate(40ug)

### Note:

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

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