

Product datasheet for **TA321492**

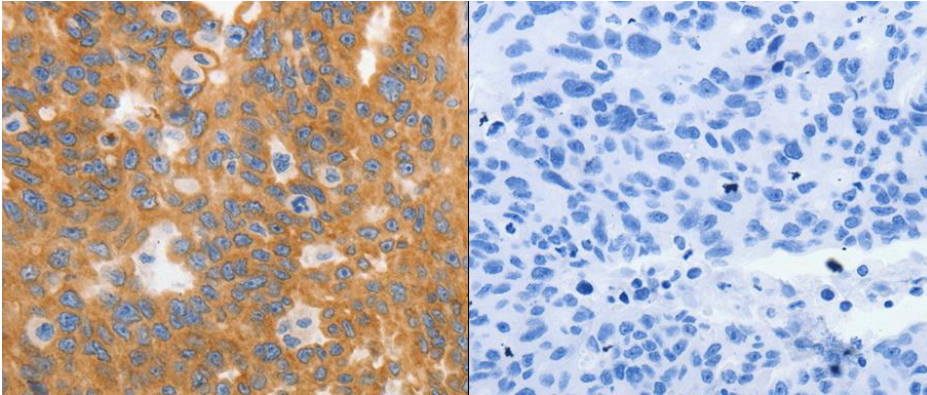
MYOD1 Rabbit Polyclonal Antibody

Product data:

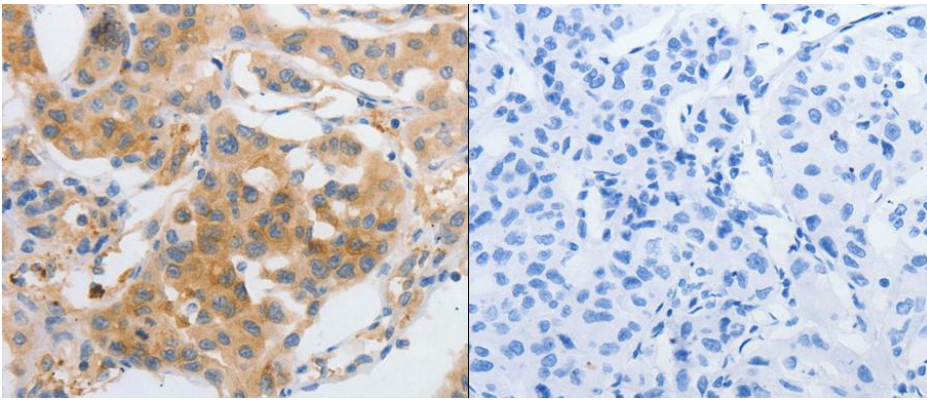
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	ELISA: 1:2000-10000, IHC: 1:100-300
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide peptide corresponding to a region derived from 307-320 amino acids of human myogenic differentiation 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	myogenic differentiation 1
Database Link:	NP_002469 Entrez Gene 17927 Mouse Entrez Gene 337868 Rat Entrez Gene 4654 Human P15172
Background:	This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest; a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.
Synonyms:	bHLHc1; MYF3; MYOD; PUM
Protein Families:	Druggable Genome, Transcription Factors



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Product images:

Predicted cell location: Cytoplasm, Cell membrane. Positive control: Human ovarian and lung cancer tissue. Recommended dilution: 1/100-300 The image on the left is immunohistochemistry of paraffin-embedded Human ovarian and lung cancer tissue using MYOD1 antibody at dilution 1/120, on the right is treated with the synthetic peptide. (Original magnification:x200)



Predicted cell location: Cytoplasm, Cell membrane. Positive control: Human ovarian and lung cancer tissue. Recommended dilution: 1/100-300 The image on the left is immunohistochemistry of paraffin-embedded Human ovarian and lung cancer tissue using MYOD1 antibody at dilution 1/120, on the right is treated with the synthetic peptide. (Original magnification:x200)