Product datasheet for TA371944

MelanA (MLANA) Rabbit Polyclonal Antibody

Product data:

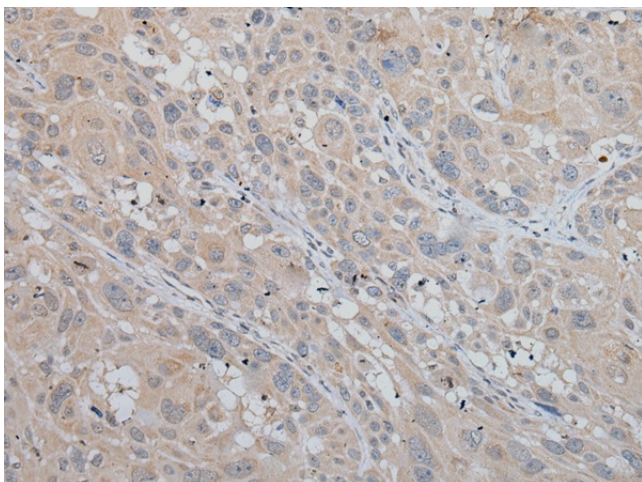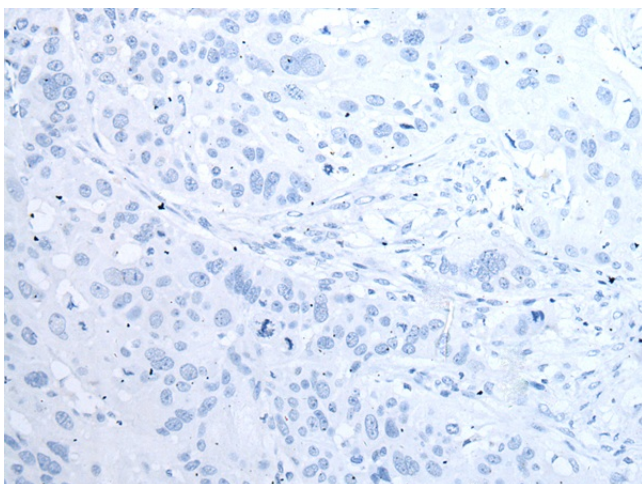|	
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 40-250 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MLANA
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	melan-A
Database Link:	Entrez Gene 2315 Human Q16655
Background:	Melan-A (also designated MART-1) is a melanocyte differentiation antigen that is specific to melanomas, melanocyte cell lines and retina. Melan-A peptide is recognized by most HLA-A2-restricted tumor-specific tumor-infiltrating lymphocytes in patients with melanoma. Antimelanoma cytotoxic T lymphocytes can be generated with a Melan-A peptide, implicating Melan-A as a potential candidate for antigen-specific immunotherapy in melanoma patients. Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.
Synonyms:	MART-1; MART1; melan-A; OTTHUMP00000021037; OTTHUMP00000021038

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Product images:

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371944 (MLANA Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371944 (MLANA Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)