

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MCAM RABBIT PAB**

Cat.#: S213885

**Product Name:** Anti-MCAM Rabbit Polyclonal Antibody **Synonyms:** CD146; MUC18; HEMCAM; METCAM; MelCAM **UNIPROT ID:** P43121 (Gene Accession - NP\_006491)

**Background:** Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.

Immunogen: Synthetic peptide of human MCAM

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 40-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

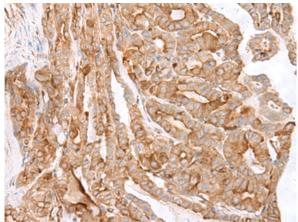
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cardiovascular, Immunology, Stem Cells **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

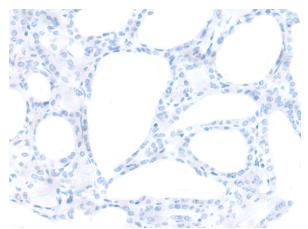


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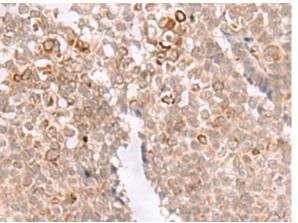
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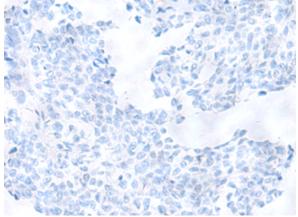
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 213885(MCAM Antibody) at a dilution of 1/40(Cell membrane).



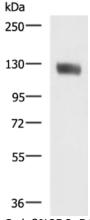
In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 213885(Anti-MCAM Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of using 213885(Anti-MCAM Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D161008(Anti-MCAM Antibody) at dilution 1/40.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: Human leiomyosarcoma tissue lysate; Primary antibody: 213885 (MCAM Antibody) at

dilution 1/400;

Secondary antibody: HRP-conjugated Goat anti

rabbit IgG at 1/5000 dilution; Exposure time: 5 seconds



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