10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-Melanotransferrin / CD228 Reference Antibody (SC-005)

Recombinant Antibody
Catalog # APR10337

Specification

Anti-Melanotransferrin / CD228 Reference Antibody (SC-005) - Product Information

Application	**FC, E, FTA**
Primary Accession	P08582
Reactivity	**Rat, Cynomolgus, Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**145.16 KDa**

Anti-Melanotransferrin / CD228 Reference Antibody (SC-005) - Additional Information

Target/Specificity
Melanotransferrin / CD228

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-Melanotransferrin / CD228 Reference Antibody (SC-005) - Protein Information

Name MELTF (HGNC:7037)

Synonyms MAP97, MFI2

Function
Involved in iron cellular uptake. Seems to be internalized and then recycled back to the cell membrane. Binds a single atom of iron per subunit. Could also bind zinc.

Cellular Location
[Isoform 1]: Cell membrane; Lipid-anchor, GPI- anchor

Tissue Location
Found predominantly in human melanomas and in certain fetal tissues; also found in liver, epithelium, umbilical chord, placenta and sweat gland ducts

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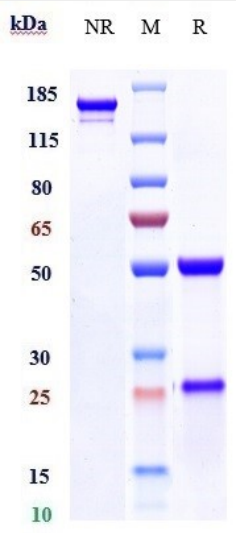
Anti-Melanotransferrin / CD228 Reference Antibody (SC-005) - Protocols

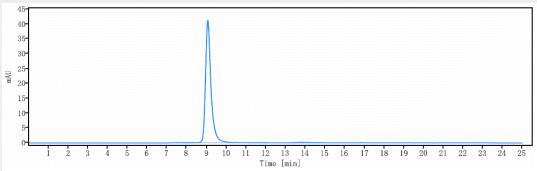
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Melanotransferrin / CD228 Reference Antibody (SC-005) - Images



Anti-Melanotransferrin / CD228 Reference Antibody (SC-005) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-Melanotransferrin / CD228 Reference Antibody (SC-005)is more than 99.21% ,determined by SEC-HPLC.