Datasheet for ABIN7250200

anti-Transferrin antibody

3 Images

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Overview

Quantity:	200 µL
Target:	Transferrin (TF)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Transferrin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic Peptide
Clone:	9B3
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Protein A purification

Target Details

Target:	Transferrin (TF)
Alternative Name:	Transferrin (TF Products)
Background:	This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is

Target Details

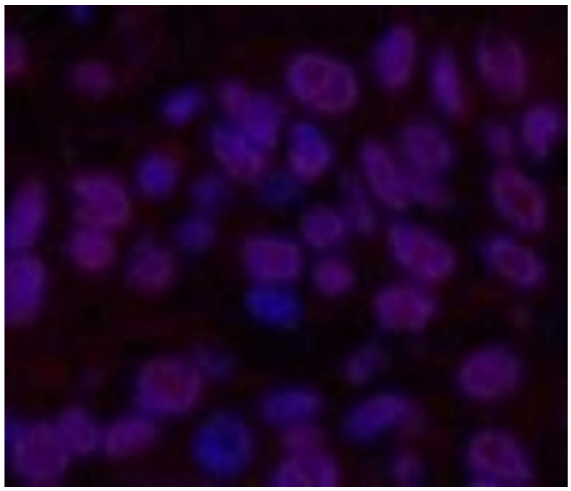
	thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.
Molecular Weight:	77 kDa
UniProt:	P02787
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:300, IF 1:100-1:300
Restrictions:	For Research Use only

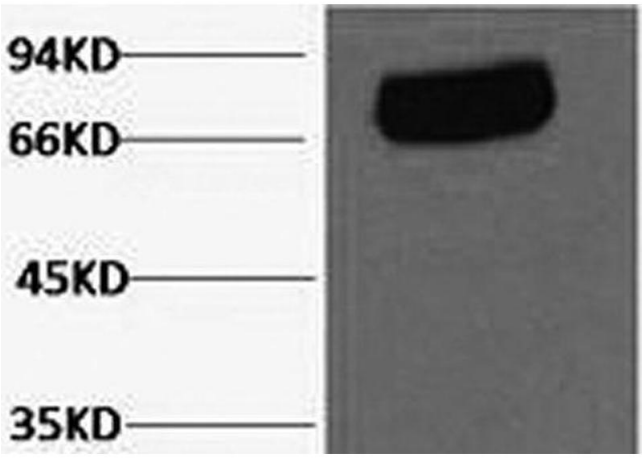
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



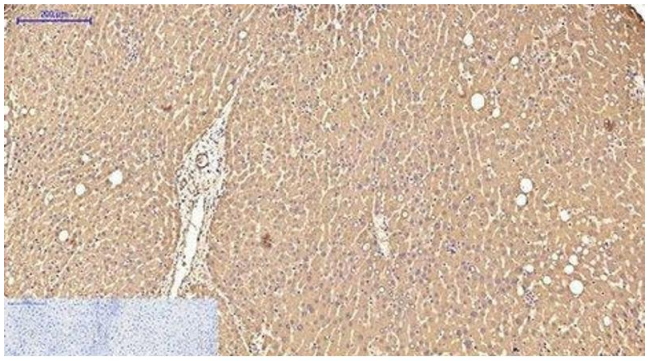
Immunofluorescence

Image 1. Immunofluorescence analysis of Human lung cancer tissue using Transferrin Monoclonal Antibody at dilution of 1:200.



Western Blotting

Image 2. Western Blot analysis of Human serum using Transferrin Monoclonal Antibody at dilution of 1:2000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver tissue using Transferrin Monoclonal Antibody at dilution of 1:200.

