Datasheet for ABIN6939493

anti-NKX2-8 antibody (AA 10-123)

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Overview

Quantity:	100 µg
Target:	NKX2-8
Binding Specificity:	AA 10-123
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NKX2-8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Coating (Coat), Flow Cytometry (FACS)

Product Details

Immunogen:	Human recombinant NKX2.8 protein fragment (around aa 10-123) (exact sequence is proprietary)
Clone:	NKX28-2548
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	NKX2-8
Alternative Name:	NKX2-8 (NKX2-8 Products)

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Target Details

Background:	The protein encoded by this gene is a homeobox-containing developmental regulator associated with liver development. The encoded protein binds to the alpha-fetoprotein (AFP) gene promoter and increases the expression of AFP. This gene is overexpressed in some lung cancers and is linked to poor patient survival, possibly due to its resistance to cisplatin. This gene is aberrantly methylated in pancreatic cancer, deleted in squamous cell lung carcinomas, and acts as a tumor suppressor in esophageal cancer. Mutations in this gene may also be a cause of neural tube defects.
Molecular Weight:	26kDa
Gene ID:	26257
UniProt:	O15522

Application Details

Application Notes:	Positive Control: Human Liver, Kidney or Thyroid tissue (IHC). Known Application: ELISA (For coating, order antibody without BSA), Flow Cytometry (1-2 µg/million cells), Western Blot (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
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:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

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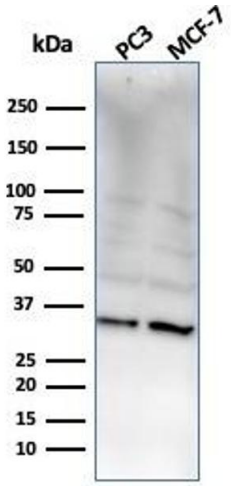
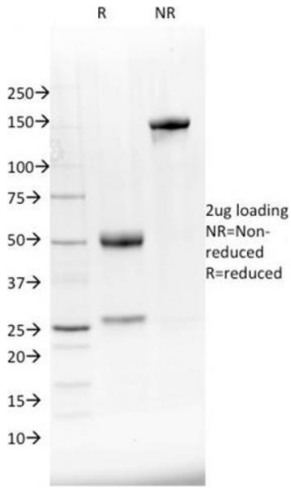


Western Blotting

Image 1. Western Blot Analysis of PC3 and MCF-7 cell lysate using NKX2.8 Mouse Monoclonal Antibody (NKX28/2548).



SDS-PAGE

Image 2. SDS-PAGE Analysis Purified NKX2.8 Mouse Monoclonal Antibody (NKX28/2548). Confirmation of Integrity and Purity of Antibody.