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36-2377: Anti-NKX2.8 Monoclonal Antibody(Clone: NKX28/2548)

Clonality :	Monoclonal
Clone Name :	NKX28/2548
Application :	WB,ELISA,FACS,WB
Reactivity :	Human
Gene :	NKX2-8
Gene ID :	26257
Uniprot ID :	O15522
Alternative Name :	Homeobox protein NK 2 homolog H; Homeobox protein NK-2 homolog H; Homeobox protein Nkx 2.8; Homeobox protein Nkx-2.8; NK 2 homolog 8; NK 2 homolog H; NK2 homeobox 8; NK2 transcription factor related, locus 8; Nkx2 9; Nkx2-8; NKX2.8; NKX28_HUMAN; NKX2G; NKX2H; OTTHUMP00000027959
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Human recombinant NKX2.8 protein fragment (around aa 10-123) (exact sequence is proprietary)

Description

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	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.

Application Note

Western Blot (2-4ug/ml); ELISA (For coating, order antibody without BSA); Flow Cytometry (1-2ug/million cells); Western Blot (1-2ug/ml);
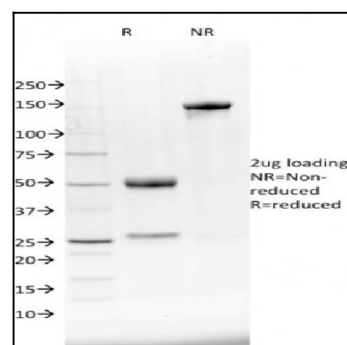

Fig. 1: SDS-PAGE Analysis Purified NKX2.8 Mouse Monoclonal Antibody (NKX28/2548). Confirmation of Integrity and Purity of Antibody.