

10-7567: Monoclonal Antibody to SOX11 (Clone: ABM45D9)

Clonality :	Monoclonal
Clone Name :	ABM45D9
Application :	WB
Reactivity :	Mouse,Human
Gene :	SOX11
Gene ID :	6664
Uniprot ID :	P35716
Format :	Purified
Alternative Name :	SOX11
Isotype :	Mouse IgG2b Kappa
Immunogen Information :	A partial length recombinant Sox11 protein (amino acids 23-236) was used as the immunogen for this antibody.

Description

SOX11 (Sex determining region Y-box 11), located on chromosome 2p25, belong to the family of genes SOXC. It is a transcript factor involved in the embryonic neurogenesis and tissue remodeling, also participating in the control of cell proliferation. It is involved in gastrulation and in malignant diseases. It is expressed in foetal and neoplastic brain tissue, including gliomas (23619925). SOX11 is overexpressed in several solid tumors and in the vast majority of aggressive mantle cell lymphomas (MCLs). Diseases associated with SOX11 include mental retardation, autosomal dominant, 27 and coffin-siris syndrome.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 0.5-1 µg/ml

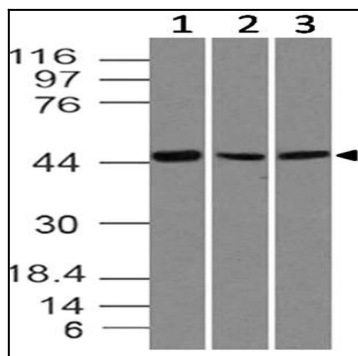


Figure-1: Western blot analysis of Sox11. Anti-Sox11 antibody (Clone: ABM45D9) was tested at 0.5 $\mu\text{g/ml}$ on A431, human Kidney and Y79 lysates.

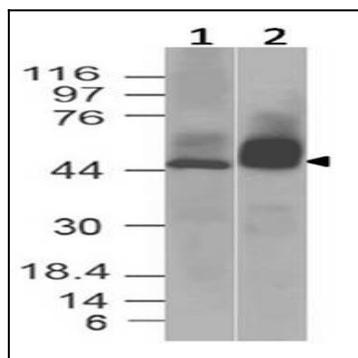


Figure-2: Western blot analysis of Sox11. Anti-Sox11 antibody (Clone: ABM45D9) was tested at 1 $\mu\text{g/ml}$ on (1) m Heart and (2) m Kidney lysates.