

# AB-NN243-1 DUX4 Antibody

Pan-specific monoclonal antibody (P2B1) for monitoring the expression of human DUX4

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## Target Protein

<b>Name Long:</b>	Pan-specific monoclonal antibody (P2B1) for monitoring the expression of human DUX4
<b>Alias:</b>	Double homeobox protein 4 (DUX4)
<b>UniProt ID:</b>	Double homeobox 4, Double homeobox 10, DUX10, Double homeobox protein 4/10
<b>Human Predicted Mass (kDa):</b>	Q9UBX2 - Human
<b>Observed SDS-PAGE Mass (kDa):</b>	44.940 (424 AA; Q9UBX2-1)

## Immunogen

<b>Antibody Immunogen Source:</b>	45
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## Production

<b>Antibody Type:</b>	Mouse
<b>Antibody Ig Isotype Clone Lot:</b>	79 Monoclonal
<b>Antibody Purification:</b>	IgG1/IgG1
<b>Amount:</b>	Protein G purified
<b>Antibody Concentration:</b>	25 µg
<b>Lot Number:</b>	1 mg/ml
<b>Storage Buffer:</b>	15DE1
<b>Storage Conditions and Stability:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide

## Applications

<b>Product Use:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.
<b>Antibody Dilution Recommended:</b>	WB   IHC   ICC/IF
<b>Antibody Species Reactivity:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Positive Control:</b>	Human   Mouse
<b>Target Detection Immunoblotting:</b>	1µg/ml of SMC-192 was sufficient for detection of DUX4 in 20µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-mouse IgG: HRP as the secondary.
<b>Antibody Specificity:</b>	Detects a ~45 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987