

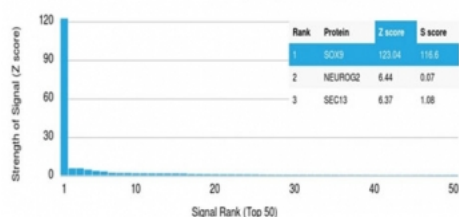
SOX9 Antibody [clone PCRP-SOX9-1E5] (V8973)

Catalog No.	Formulation	Size
V8973-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8973-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8973SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

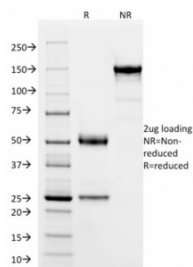
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-SOX9-1E5
Purity	Protein A/G affinity
UniProt	P48436
Localization	Nucleus
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This SOX9 antibody is available for research use only.

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using SOX9 antibody (clone PCRP-SOX9-1E5). These results demonstrate the foremost specificity of the PCRP-SOX9-1E5 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free SOX9 antibody (clone PCRP-SOX9-1E5) as confirmation of integrity and purity.

Description

Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. SOX9 plays an important role in the normal skeletal development. It may regulate the expression of other genes involved in chondrogenesis by acting as a transcription factor for these genes.

Application Notes

Optimal dilution of the SOX9 antibody should be determined by the researcher.

Immunogen

Recombinant human full-length SOX9 protein was used as the immunogen for the SOX9 antibody.

Storage

Aliquot the SOX9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.