

Store at
-20C
#40065**Androgen Receptor (D6F11) XP[®] Rabbit mAb (Biotinylated)**

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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W	H	Endogenous	110	Rabbit IgG	#P10275	367
Product Usage Information	Application		Dilution			
	Western Blotting		1:1000			
Storage	Supplied in 136 mM NaCl, 2.6 mM KCl, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/ml BSA, and 50% glycerol. Store at -20°C. Do not aliquot the antibodies.					
Specificity/Sensitivity	Androgen Receptor (D6F11) XP [®] Rabbit mAb (Biotinylated) detects endogenous levels of total androgen receptor protein.					
Source / Purification	Monoclonal antibody is produced by immunizing animals with recombinant protein corresponding to residues near the amino terminal region of human androgen receptor protein.					
Description	This Cell Signaling Technology antibody is conjugated to biotin under optimal conditions. The biotinylated antibody is expected to exhibit the same species cross-reactivity as the unconjugated Androgen Receptor (D6F11) XP [®] Rabbit mAb #5153.					
Background	Androgen receptor (AR), a zinc finger transcription factor belonging to the nuclear receptor superfamily, is activated by phosphorylation and dimerization upon ligand binding (1). This promotes nuclear localization and binding of AR to androgen response elements in androgen target genes. Research studies have shown that AR plays a crucial role in several stages of male development and the progression of prostate cancer (2,3).					
Background References	<ol style="list-style-type: none"> Li, J. and Al-Azzawi, F. (2009) <i>Maturitas</i> 63, 142-8. Avila, D.M. et al. (2001) <i>J. Steroid. Biochem. Mol. Biol.</i> 76, 135-142. Montgomery, J.S. et al. (2001) <i>J. Pathol.</i> 195, 138-146. 					

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween [®] 20 at 4°C with gentle shaking, overnight.
Applications Key	W: Western Blotting
Cross-Reactivity Key	H: Human
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