

## EHU001691 PLK4 (polo-like kinase 4)

Validation using qRT-PCR:	
Knock-down rate:	<b>76,84 ± 11,20</b>
Cell line used:	HeLa cells
qRT-PCR primer used:	for: TTCATGCACCAGATCATCACAG
	rev: GCATTTTCAGTTGAGTTGCCAG

*average of 2 biological replicates*

**RLUC:** HeLa cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **PLK4:** HeLa cells transfected with PLK4 esiRNA (Cat.No. EHU001691).

**qRT-PCR:** At 36h post-transfection, total RNA was isolated with a 96-well plate Invisorb kit (Invitex) and cDNA was synthesized with High-Capacity cDNA reagent (ABI). Quantitative PCR reactions were carried out with the Quantace SybrGreen qPCR mix on an ABI 7900HT machine. Relative mRNA levels were calculated according to the  $\Delta\Delta C_t$  method and normalized to the RLUC control; 18S rRNA levels were used as reference.