

## SSRP1

### Mouse Anti-Human Structure Specific Recognition Protein 1 Clone 3E4 mAb

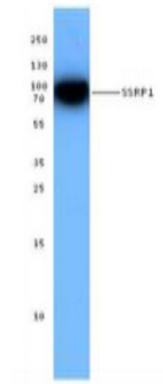
<b>Catalog No.</b>	CSI14523 CSI14524	<b>Quantity:</b>	25 µg 100 µg
<b>Alternate Names:</b>	FACT, FACT80, T160, chromatin-specific transcription elongation factor 80 kDa subunit, cisplatin-DNA SSRP, facilitates chromatin remodeling 80 kDa subunit, high mobility group box, recombination signal sequence recognition protein		
<b>Description:</b>	SSRP1 is a nuclear protein and a component of the FACT complex (facilitates chromatin transcription). The FACT140 complex is composed of the Spt16 and the SSRP1 proteins. This complex interacts with nucleosomes and histone H2A/H2B dimers to promote nucleosome disassembly and allow transcription elongation. This protein interacts with dsDNA. The SSRP1 protein has been shown to be modified by cisplatin and may protect DNA from repair and block DNA replication. The 3E4 monoclonal antibody recognizes human SSRP1 and has been shown to be useful for Western blotting.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Gene ID:</b>	6749		
<b>Structure:</b>	SSRP family, HMG box domain; 81 kD.		
<b>Function:</b>	Nuclear		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant (partial)		
<b>Isotype:</b>	IgG1, κ		
<b>Clone:</b>	3E4		
<b>Interaction:</b>	Component of FACT ATP-dependent chromatin remodeling complex, Spt16/Cdc68 in FACT complex, H2A/H2B dimers.		
<b>Formulation:</b>	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide at 0.5 mg/ml. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	The antibody was purified by protein G affinity chromatography.		
<b>Reactivity:</b>	Human		
<b>Applications:</b>	WB, IP, IF		



**Recommended Usage:** Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 5 µg per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

**Storage & Stability:** Upon receipt, store undiluted at 4° C.

293E cell extracts were resolved by electrophoresis, transferred to nitrocellulose, and probed with purified anti-SSRP1 Antibody (clone 3E4). Proteins were visualized using a goat anti-mouse-IgG secondary conjugated to HRP and chemiluminescence detection.



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