

**TABLE 3: Paulovich Lab Monoclonal Antibodies available for Western blot and ELISA (not immuno-MRM)**

Gene Symbol	Target Protein Name	UniProt ID (& link)	FHCRC Antibody ID	NCI CPTAC Antibody Portal ID (& link)	Peptide Modification detected	Modification Site	Mab host species	Assay Species	NCI CPTAC Assay Portal ID (& link)	Mab works in immuno-MRM	Mab works in Western Blot	Mab works in ELISA	Reference
RAD17	Cell cycle checkpoint protein RAD17	<a href="#">O75943</a>	FHC-41Ap-12-8		Phosphorylation	pS646	Rabbit	Human		No	Yes	No	
RAD17	Cell cycle checkpoint protein RAD17	<a href="#">O75943</a>	FHC-41E-17-10		Non-modified		Rabbit	Human		No	Yes	No	
RAD17	Cell cycle checkpoint protein RAD17	<a href="#">O75943</a>	FHC-41F-22-5		Non-modified		Rabbit	Human		No	Yes	No	
SMC1A	Structural maintenance of chromosomes protein 1A	<a href="#">Q14683</a>	FHC-37B-34-7		Non-modified		Rabbit	Human		No	Yes	No	
SMC1A	Structural maintenance of chromosomes protein 1A	<a href="#">Q14683</a>	FHC-37C-33-1		Phosphorylation	pS957	Rabbit	Human		No	Yes	Yes	Ivey et al. Rad. Res. (2011) 175:266-281
SMC1A	Structural maintenance of chromosomes protein 1A	<a href="#">Q14683</a>	FHC-37D-20-3		Phosphorylation	pS966	Rabbit	Human		No	Yes	Yes	Ivey et al. Rad. Res. (2011) 175:266-281
SMC1A	Structural maintenance of chromosomes protein 1A	<a href="#">Q14683</a>	FHC-37F-6-3		Non-modified		Rabbit	Human		No	Yes	Yes	Ivey et al. Rad. Res. (2011) 175:266-281
TP53	tumor protein p53	<a href="#">P04637</a>	FHC-40Bp-58-4		Phosphorylation	pS15	Rabbit	Human		No	Yes	No	
TP53	tumor protein p53	<a href="#">P04637</a>	FHC-40D-27-3		Non-modified		Rabbit	Human		No	Yes	No	