

Product datasheet for **UM500081CF**

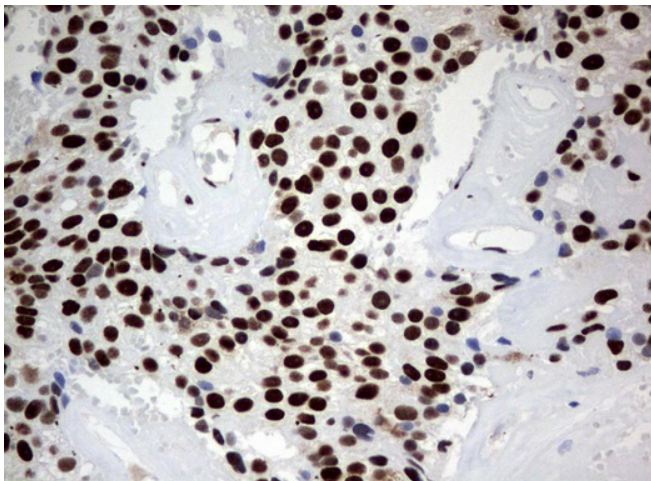
ZNF447 (ZSCAN18) Mouse Monoclonal Antibody [Clone ID: UMAB114]

Product data:

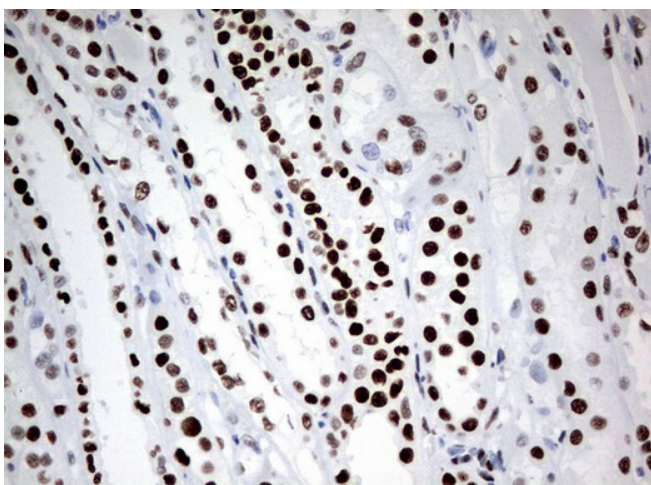
Product Type:	Primary Antibodies
Clone Name:	UMAB114
Applications:	10k-ChIP, IHC, WB
Recommended Dilution:	IHC 1:100~200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ZSCAN18(NP_076415) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54.6 kDa
Gene Name:	zinc finger and SCAN domain containing 18
Database Link:	NP_076415 Entrez Gene 65982 Human Q8TBC5
Synonyms:	ZNF447
Protein Families:	Transcription Factors

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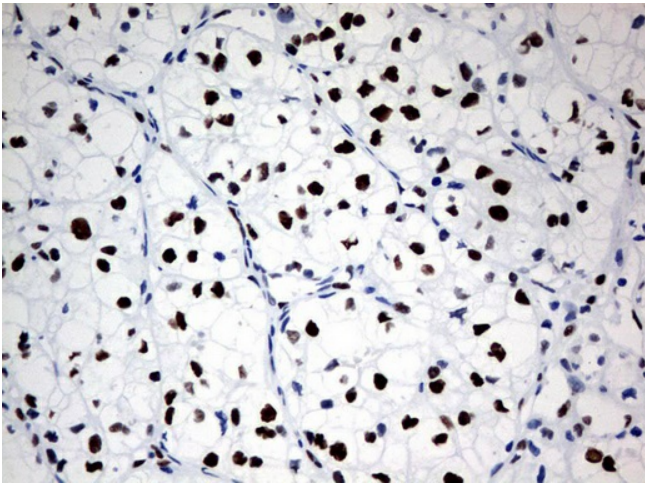
Product images:



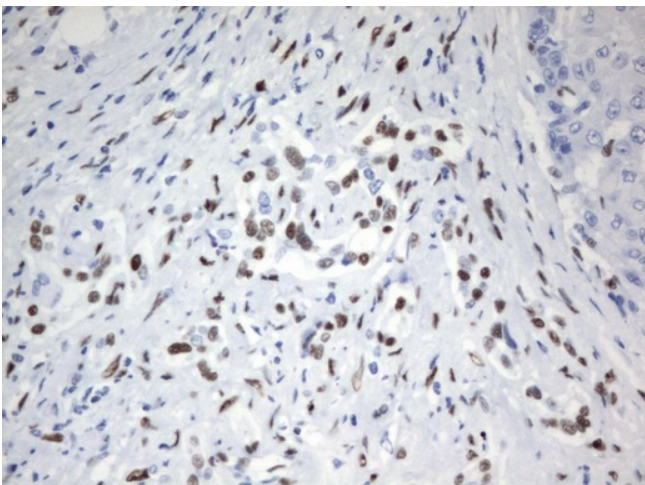
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



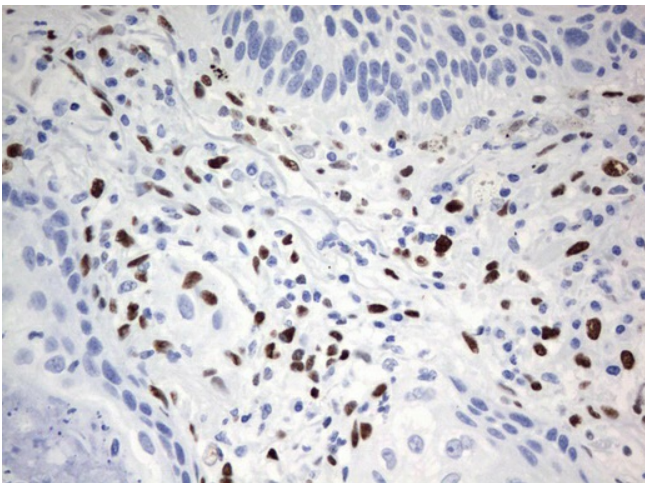
Immunohistochemical staining of paraffin-embedded Human Kidney tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



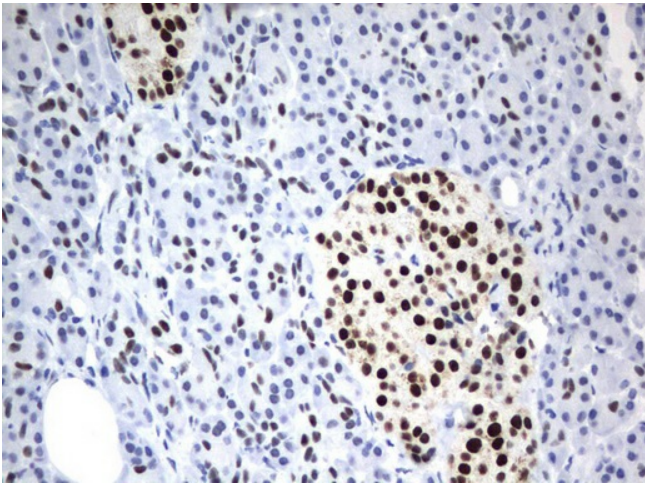
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



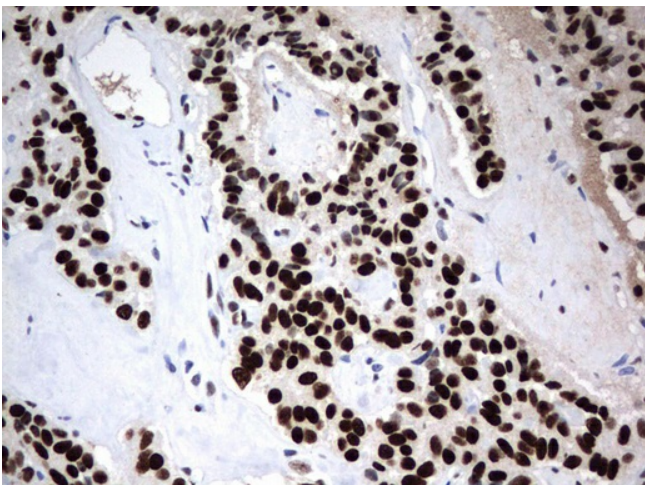
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



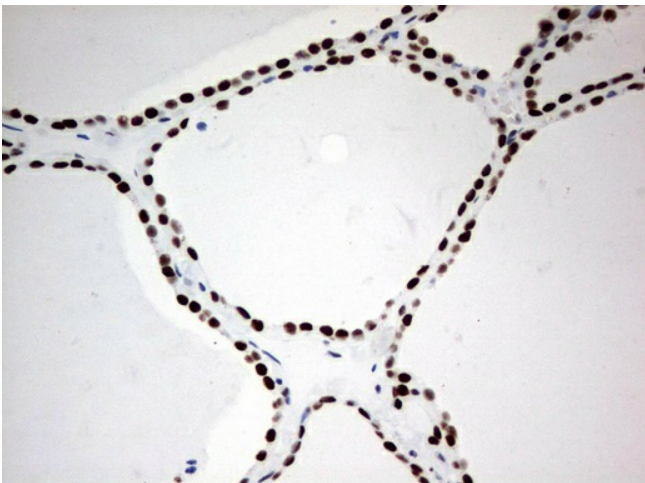
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



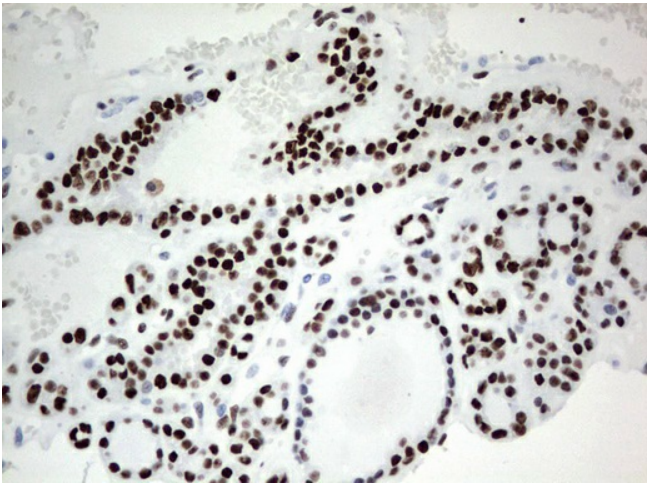
Immunohistochemical staining of paraffin-embedded Human pancreas tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



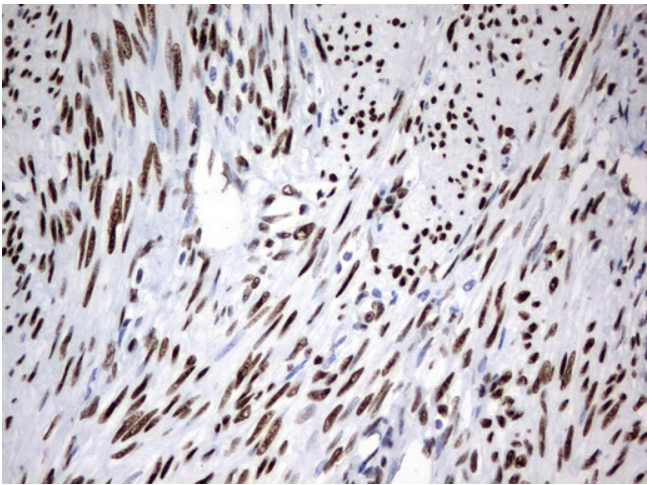
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



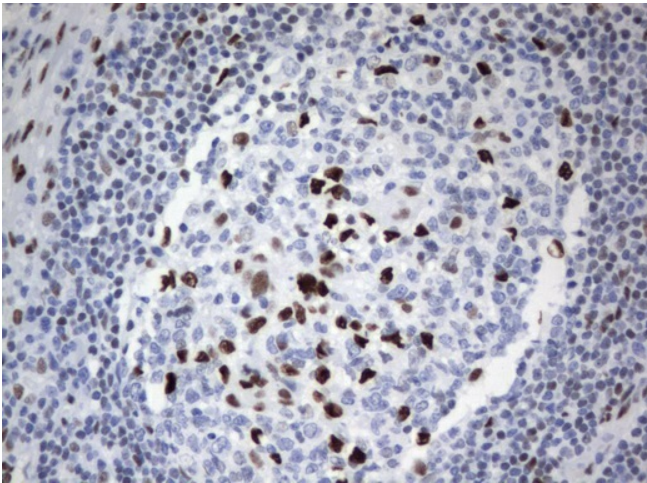
Immunohistochemical staining of paraffin-embedded Human thyroid tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



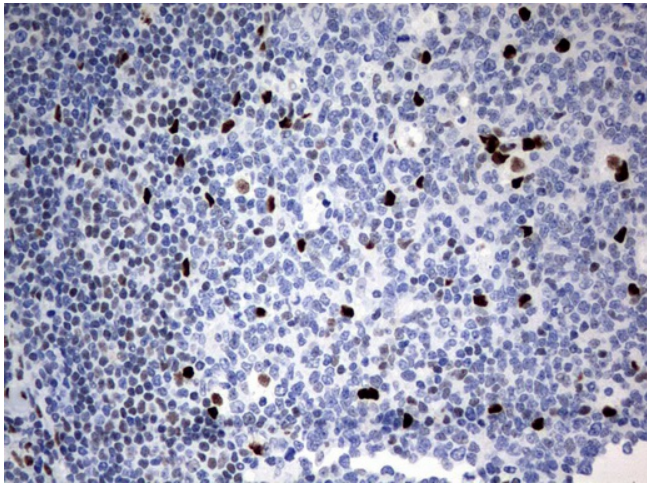
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



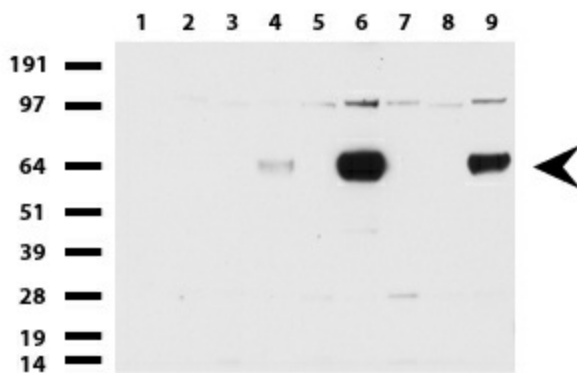
Immunohistochemical staining of paraffin-embedded Human endometrium tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



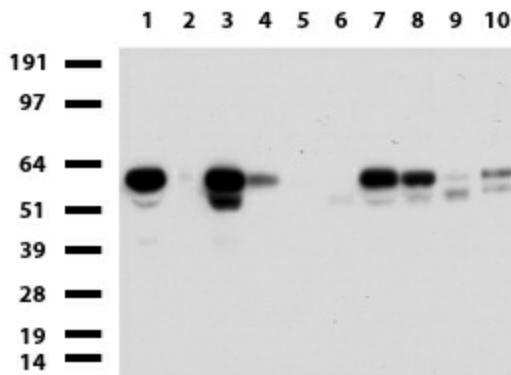
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



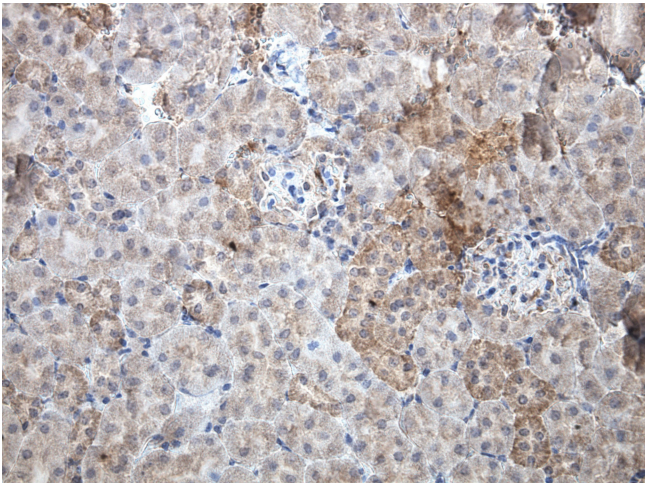
Immunohistochemical staining of paraffin-embedded Human lymph node tissue using anti-ZSCAN18 mouse monoclonal antibody. ([UM500081]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



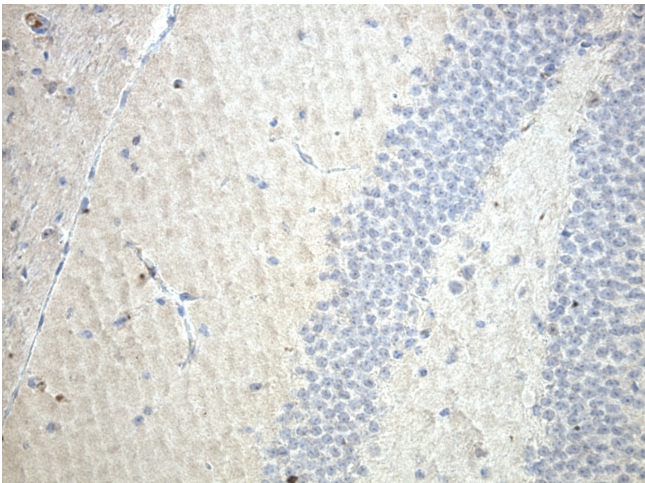
Western blot of cell lysates (35ug) from 9 different cell lines (1: HepG2, 2: HeLa, 3: SV-T2, 4: A549, 5: COS7, 6: Jurkat, 7: MDCK, 8: PC-12, 9: MCF7).



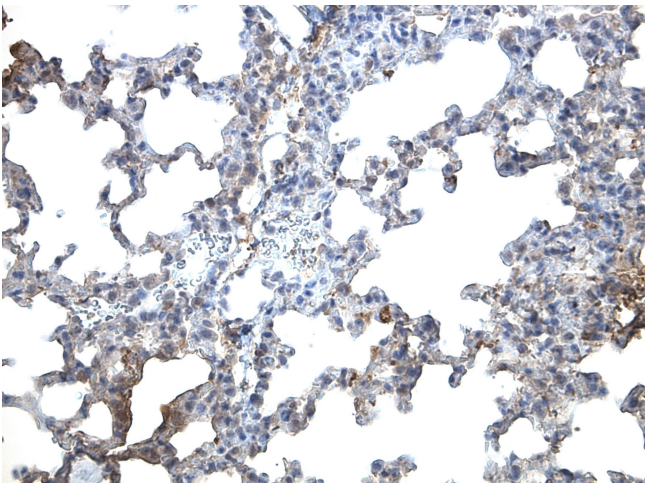
Western blot of human tissue lysates (15ug) from 10 different tissues (1: Testis, 2: Omentum, 3: Uterus, 4: Breast, 5: Brain, 6: Liver, 7: Ovary, 8: Colon, 9: Spleen, 10: Thyroid). Dilution: 1:500.



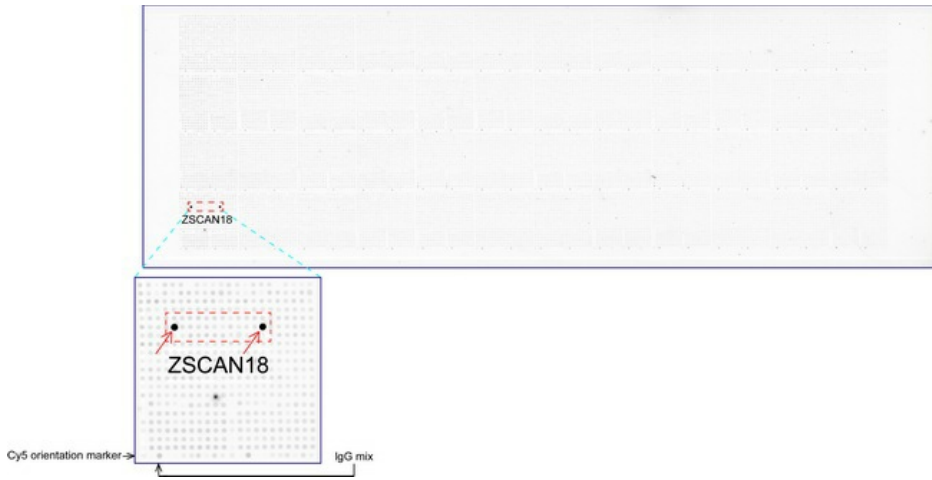
Immunohistochemical staining of paraffin-embedded mouse kidney using mouse anti-ZSCAN18 clone UMAB114 mouse monoclonal antibody. HIER TEE buffer ([B21-100]) (pH9) at 110C for 10 min, [UM500081] (1:100). Detection was done with Klear Mouse (C/N [D52-18]) DAB Chromogen Kit.



Immunohistochemical staining of paraffin-embedded mouse brain using mouse anti-ZSCAN18 clone UMAB114 mouse monoclonal antibody. HIER TEE buffer ([B21-100]) (pH9) at 110C for 10 min, [UM500081] (1:100). Detection was done with Klear Mouse (C/N [D52-18]) DAB Chromogen Kit.



Immunohistochemical staining of paraffin-embedded mouse lung using mouse anti-ZSCAN18 clone UMAB114 mouse monoclonal antibody. HIER TEE buffer ([B21-100]) (pH9) at 110C for 10 min, [UM500081] (1:100). Detection was done with Klear Mouse (C/N [D52-18]) DAB Chromogen Kit.



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-ZSCAN18 mouse monoclonal antibody ([UM500081]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification.