

MB K3	LUNG	THYROID	PROSTATE	PLACENTA
AR Androgen receptor (Nuclear)	Occasionally few weak positive epithelial cells can be observed	0	Strong nuclear reaction of the prostate epithelial cells and stromal cells	Negative
Calcitonin (Cytopl)	0	Isolated C-cells.	0	0
HCG Human chorionic gonadotropin (Cytopl)	Negative	Negative	Negative	Strong reaction in trophoblasts and syncytiotrophoblasts
HPL Human placental lactogen (Cytopl)	Negative	Negative	Negative	Strong reaction in trophoblasts and syncytiotrophoblasts
p57 p57 protein (Nuclear)	0	0	0	Decidua cells, trophoblasts and stromal cells in villi (syncytiotropho-blasts are neg)
p63 p63 protein (Nuclear)	Negative - occasionally basal epithelial cells in large ducts might be pos.	0	Strong nuclear reaction of the myoepithelial cells	0
p501s (Cytopl)	0	Negative - occasionally a weak reaction in some thyroid epithelial cells	Strong granular reaction of the prostate epithelial cells	0
PAP Prostatic acid phosphatase (Cytopl)	Negative	Negative	Strong reaction of the prostate epithelial cells	0
PLAP Placental alkaline phosphatase (Cytopl & membrane)	Negative	Negative	0	Strong reaction in trophoblasts and syncytiotrophoblasts - muscle cells might be pos. using clone 8A9
PSA Prostate specific antigen (Cytopl)	Negative	Negative	Strong reaction of the prostate epithelial cells - reaction of stroma is frequently seen	Negative
PSMA Prostate specific membrane antigen (Cytopl)	Negative	Negative	Strong reaction of the prostate epithelial cells	0
SPA Surfactant apoprotein (Cytopl)	Strong reaction of type II pneumocytes and epithelial cells in small ducts	0	0	0
THYROGLOBULIN (Cytopl)	Negative	Reaction of thyroid epithelial cells and extra cellular colloid in the follicles	0	0

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TPO Thyroid peroxidase (Cytopl)	0	Reaction of thyroid epithelial cells	0	0
TTF1 Thyroid transcription factor 1 (Nuclear)	Strong reaction of type II pneumocytes and epithelial cells in the ducts	Strong reaction of both follicular thyroid epithelial cells and C-cells	0	0