

Table 3. Statistical comparisons of TPD52 immunohistochemical staining in ovarian tissue samples				
Tissue samples compared		Visual scoring		Automated scoring
		Intensity ^a	Histoscores ^b	SPCs ^b
Serous histology	Low-grade carcinoma v. borderline	4/5 (80%) v. 11/24 (46%) NS, n=29	182 (155-248) v. 181 (163-272) NS, n=29	260 (223-871) v. 237 (90-359) NS, n=34
	High-grade carcinoma v. borderline	111/162 (69%) v. 11/24 (46%) p=0.038, n=186	200 (96-285) v. 181 (163-272) p=0.038, n=186	530 (166-1,059) v. 237 (90-359) p<0.001, n=192
Mucinous histology	Carcinoma v. borderline	8/10 (80%) v. 18/31 (58%) NS, n=41	236 (140-296) v. 216 (100-285) NS, n=41	384 (68-729) v. 125 (33-235) NS, n=29
	Carcinoma v. benign	8/10 (80%) v. 2/6 (33%) NS, n=16	236 (140-296) v. 195 (140-225) NS, n=16	384 (68-729) v. 63 (8-131) p=0.032, n=17
Carcinomas	Serous v. endometrioid	115/167 (69%) v. 9/19 (47%) NS, n=186	255 (171-291) v. 180 (90-285) NS, n=186	479 (190-848) v. 116 (22-337) p=0.003, n=192
	Serous v. mucinous	115/167 (69%) v. 8/10 (80%) NS, n=177	255 (171-291) v. 236 (140-296) NS, n=177	479 (190-848) v. 383 (69-729) NS, n=182
	Clear cell v. endometrioid	8/8 (100%) v. 9/19 (47%) p=0.012, n=27	288 (283-294) v. 180 (90-285) p=0.019, n=27	534 (287-1,061) v. 116 (22-337) p=0.019, n=28
	Clear cell v. serous	8/8 (100%) v. 115/167 (69%) NS, n=175	288 (283-294) v. 255 (171-291) p=0.028, n=175	534 (287-1,061) v. 479 (190-848) NS, n=180
	High-grade serous v. others	111/162 (69%) v. 30/43 (70%) NS, n=205	255 (173-291) v. 264 (165-291) NS, n=205	480 (187-846) v. 274 (84-715) p=0.048, n=211

^a Comparisons of proportions (**percentages**) of samples with high level **immunohistochemical** staining, Fisher's Exact Test.

^b Comparisons of median histoscores or strong pixel counts (SPCs, **shown in thousands**), Mann-Whitney Test. **Compared median values (interquartile ranges) are shown.**

^c Not statistically significant at p<0.05.

^d Values in bold indicate associations that were significant when visual scores and digitally-determined SPCs were compared.