

Supplementary Table S3. Comparison of cytological features between the pure solid and non-pure solid subgroups of group 1

Cytological feature	Pure solid (n = 152)	Non-pure solid (n = 9)	p-value
Background			>.999
Non-necrotic ^a	119 (78.3)	7 (77.8)	
Necrotic	33 (21.7)	2 (22.2)	
Gastrointestinal contaminants			.367
Not identified	55 (36.2)	4 (44.4)	
Gastric	50 (32.9)	4 (44.4)	
Duodenal	47 (30.9)	1 (11.2)	
Cellularity			.257
Low cellularity	55 (36.2)	6 (66.7)	
Intermediate cellularity	45 (29.6)	1 (11.1)	
High cellularity	52 (34.2)	2 (22.2)	
Architecture			.183
Mixed pattern	74 (48.7)	2 (22.2)	
Mainly single cells	14 (9.2)	0 (0.0)	
Mainly small clusters	59 (38.8)	7 (77.8)	
Mainly large sheets	5 (3.3)	0	
Nuclear/cytoplasmic ratio			.478
0.5–0.8	49 (32.2)	4 (44.4)	
>0.8	103 (67.8)	5 (55.6)	
Cytoplasm			>.999
Fine	141 (92.7)	9 (100)	
Clear	1 (0.7)	0	
Foamy	0	0	
Bubbly	10 (6.6)	0	
Anisonucleosis			.222
<2:1	7 (4.6)	0	
2:1–4:1	29 (19.1)	4 (44.4)	
>4:1	116 (76.3)	5 (55.6)	
Nuclear membrane irregularity			>.999
Smooth	7 (4.6)	0	
Irregular	138 (90.8)	9 (100)	
Spiculate	7 (4.6)	0	
Nuclear membrane thickness			.190
Inconspicuous	2 (1.3)	1 (11.2)	
Thin	71 (46.7)	4 (44.4)	
Thick and prominent	79 (52.0)	4 (44.4)	
Multinucleated cells ^b			.689
Not identified	121 (79.6)	8 (88.9)	
Present	31 (20.4)	1 (11.1)	
Hyperchromatic nuclei			.601
Not identified	16 (10.5)	0	
Present	136 (89.5)	9 (100)	
Chromatin pattern			.146
Fine	6 (4.0)	2 (22.2)	
Coarse	68 (44.7)	4 (44.4)	
Clumped	73 (48.0)	3 (33.3)	
Smudged	5 (3.3)	0 (0.0)	
The number of nucleoli			.853

No visible nucleoli	54 (35.5)	4 (44.4)	.127
Single	88 (57.9)	5 (55.6)	
Multiple	10 (6.6)	0	
Prominent nucleoli			
No visible nucleoli	54 (35.5)	4 (44.5)	
Visible at 400× magnification	7 (4.6)	2 (22.2)	
Visible at 200× or 100× magnification	90 (59.2)	3 (33.3)	
Visible at 40× or lower magnification	1 (0.7)	0	

Values are presented as number (%).

^aPure solid subgroup (93 clear, 22 inflammatory, 4 mucinous and no bloody background); non-pure solid subgroup (6 clear, 1 inflammatory, no mucinous and no bloody background); ^bMultinucleated histiocytic giant cells are excluded.