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Product datasheet for UM800100CF

WIBG (PYM1) Mouse Monoclonal Antibody [Clone ID: UMAB208]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB208
Applications:	10k-ChIP, IF, IHC, WB
Recommended Dilution:	IHC 1:100~500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human WIBG (NP_115721) 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:	22.5 kDa
Gene Name:	PYM homolog 1, exon junction complex associated factor
Database Link:	NP_115721 Entrez Gene 84305 Human Q9BRP8
Background:	WIBG (within bgcn homolog (Drosophila)) is a protein-coding gene. Diseases associated with WIBG include mucoepidermoid carcinoma, and tongue cancer. GO annotations related to this gene include ribosome binding and RNA binding.

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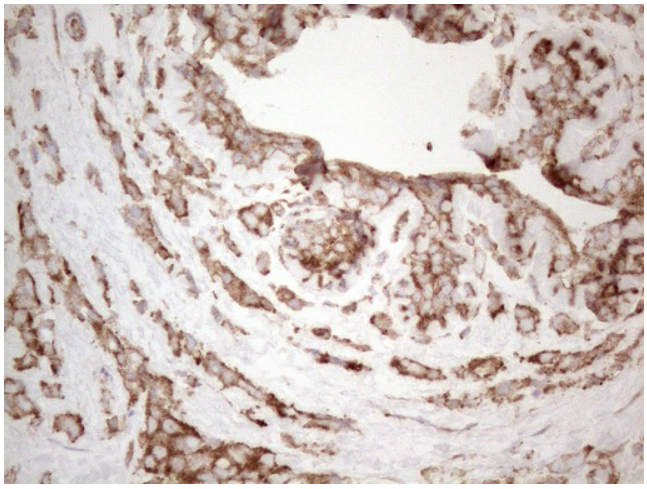
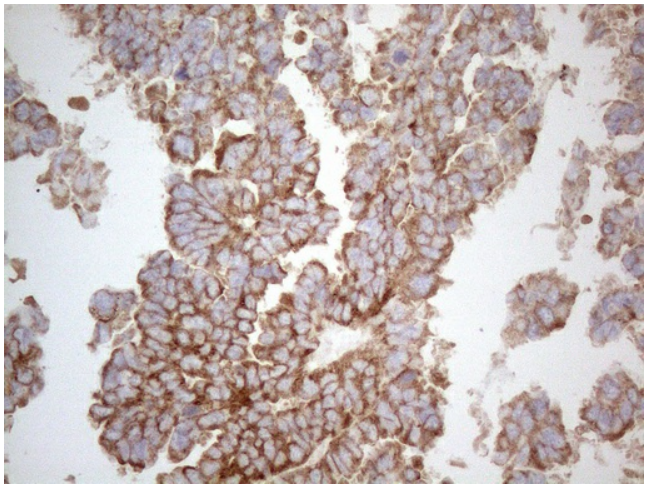
Synonyms: PYM; WIBG

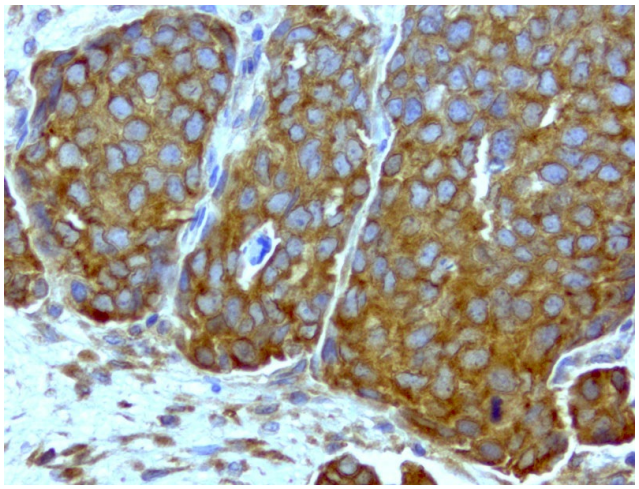
Product images:



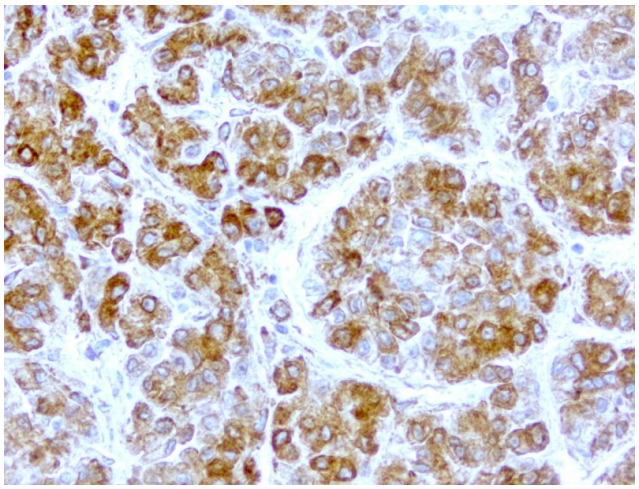
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-WIBG mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 110°C for 10min, [UM800100]) (1:500)



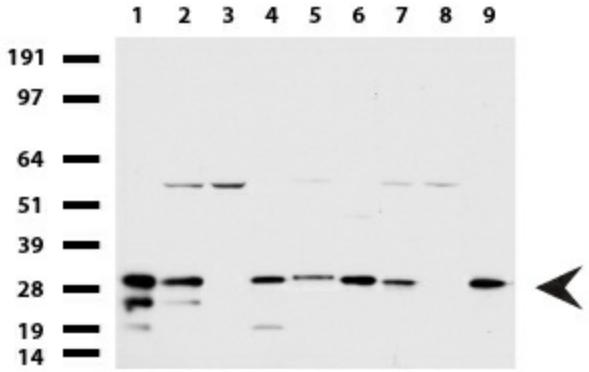
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-WIBG mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 110°C for 10min, [UM800100]) (1:500)



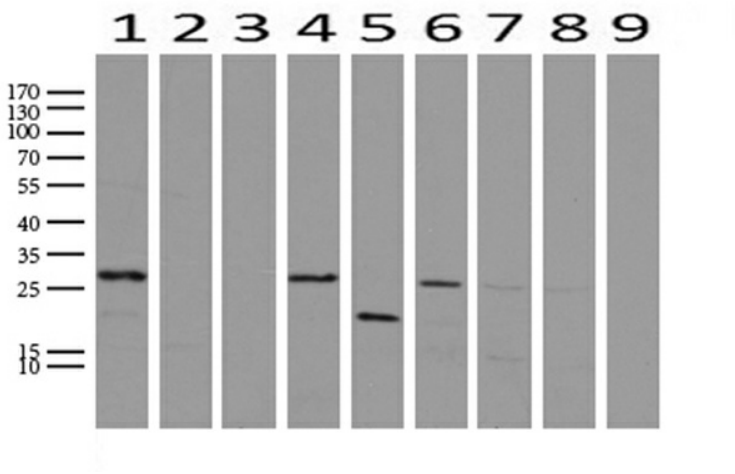
Immunohistochemical staining of paraffin-embedded ovarian cancer with mouse anti-WIBG clone UMAB208 1:400 of 1mg/mL using HIER TEE pH9.0 [GBI Labs B21-Tris/EDTA HIER]. Expression of WIBG is cytoplasmic.



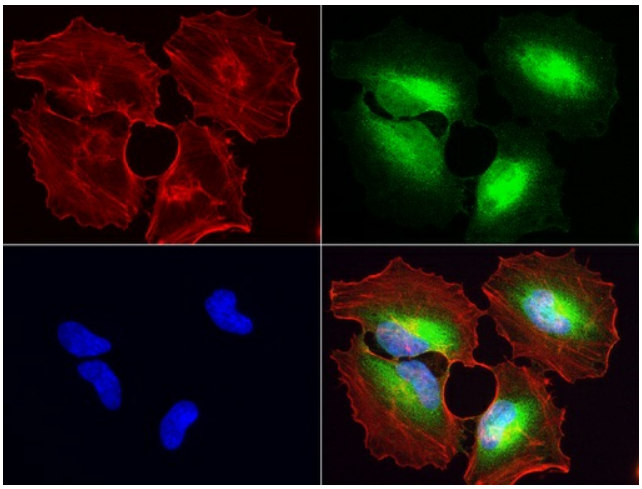
Immunohistochemical staining of paraffin-embedded liver cancer with mouse anti-WIBG clone UMAB208 1:400 of 1mg/mL using HIER TEE pH9.0 [GBI Labs B21-Tris/EDTA HIER]. Expression of WIBG is cytoplasmic.



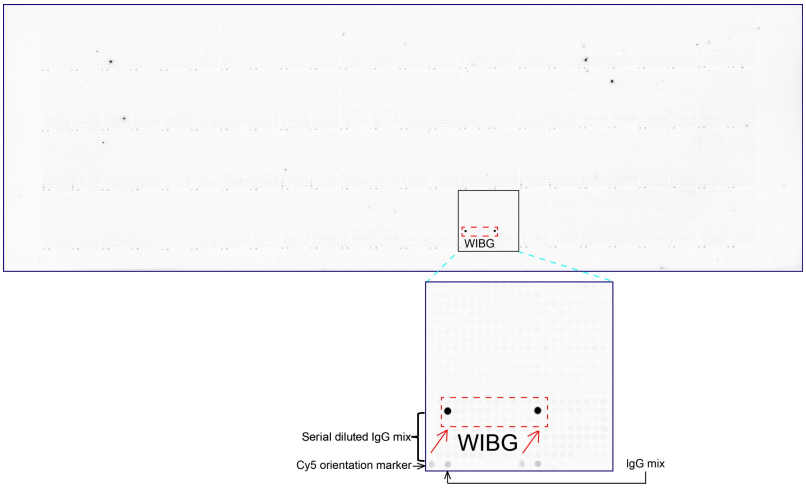
Western blot of cell lysates (35ug) from 9 different cell lines (1: HepG2, 2: HeLa, 3: SV-T2, 4: A549. 5: COS7, 6: Jurkat, 7: MDCK, 8: PC-12, 9: MCF7). Diluation: 1:500



Western blot analysis of extracts (15ug) from 9 Human tissue by using anti-WIBG monoclonal antibody (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: colon:;9:Spleen). (1:500) Dilution: 1:500



Immunofluorescent staining of HeLa cells using anti-WIBG mouse monoclonal antibody ([UM800100], green, 1:50). Actin filaments were labeled with Alexa Fluor® 594 Phalloidin (red), and nuclear with DAPI (blue).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-WIBG mouse monoclonal antibody ([UM800100]). 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.