

## Product Datasheet

### Cytoskeletal Marker Antibody Panel (orb3130871)

<b>Catalog Number</b>	orb3130871
<b>Category</b>	Antibodies
<b>Description</b>	The Cytoskeletal Marker Antibody Panel contains a curated set of antibodies (Desmin, CK14/17, Pan-CK, Beta-tubulin, Vimentin ) targeting key structural proteins of the cellular cytoskeleton. This panel enables comprehensive analysis of cytoskeletal dynamics and organization, including markers for microfilaments (Actin), intermediate filaments (Vimentin, Cytokeratin, GFAP), and microtubules (Tubulin).
<b>Isotype</b>	Rabbit-IgG / Mouse-IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Buffer/Preservatives</b>	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
<b>Immunogen</b>	Synthetic peptide
<b>Tested applications</b>	IF, IHC, WB
<b>Dilution range</b>	Western Blot 1:1000 - 1:5000, Immunofluorescence 1:100 - 1:500, Immunocytochemistry 1:100 - 1:400
<b>Specificity</b>	Endogenous
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

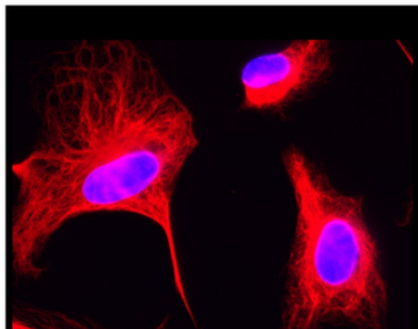
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Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

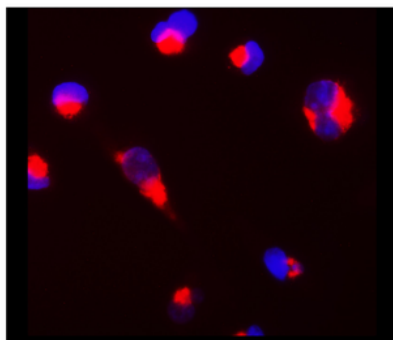
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Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

SJRH30 cells

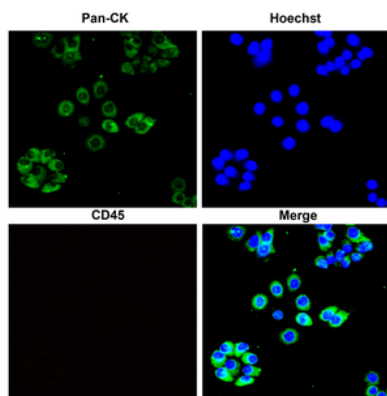


Desmin monoclonal antibody Immunofluorescence analysis of Desmin antibody orb1294251 at 1/100 dilution.

MDA-MB-231



Cytokeratin 14/17 antibody Immunofluorescence analysis of Cytokeratin 14/17 orb1294304 at 1/300 dilution.



Pan- Cytokeratin antibody Immunofluorescence analysis of Pan- Cytokeratin orb1294309 at 1/300 dilution.

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Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

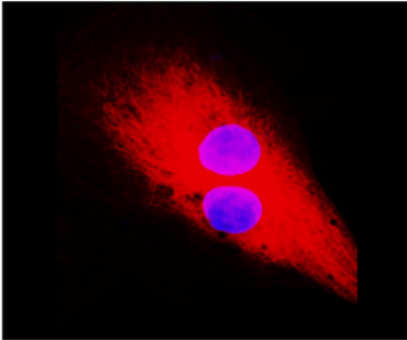
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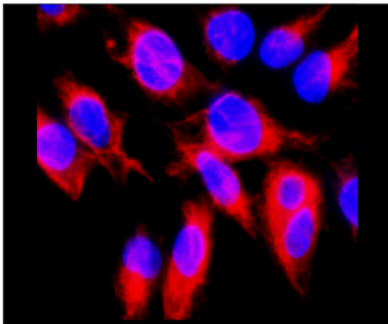
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Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**HUVEC**

Beta-tubulin antibody Immunofluorescence analysis of Beta-tubulin orb1294417 at 1/400 dilution.

**RG2**

Vimentin antibody Immunofluorescence analysis of Vimentin orb1294389 at 1/400 dilution.

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