

# CELL

## APPLICATIONS, INC.

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## Bovine Pulmonary Artery Smooth Muscle Cells: BPASMC

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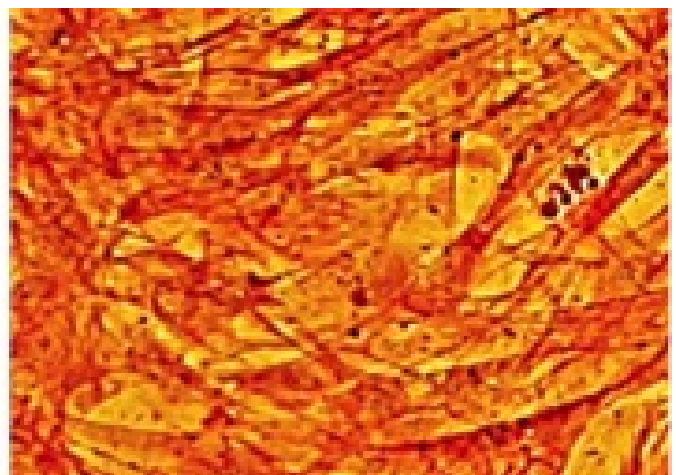
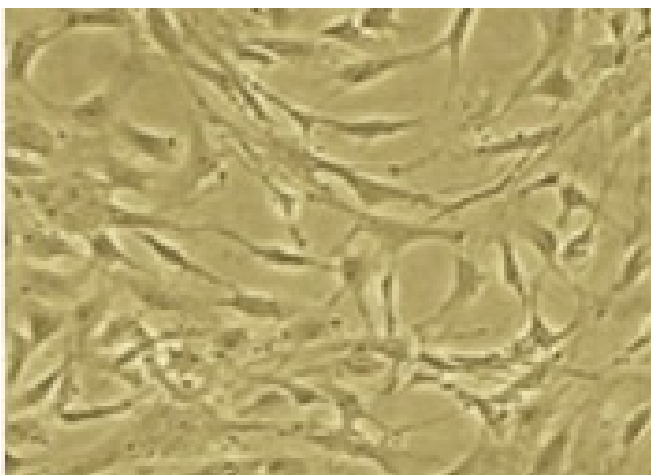
Cell Applications Inc Brochure

### Description

**Bovine Pulmonary Artery Smooth Muscle Cells (BPASMC)** from Cell Applications, Inc. have been used in studies relevant to

- Pulmonary hypertension characterized by hyperproliferation of pulmonary artery smooth muscle cells, the process shown to be mediated by hypoxia-induced expression of Bcl-xl
- Additionally, they were used to elucidate the PKC- $\zeta$  dependent mechanisms of proMMP-2 activation and other signaling events in smooth muscle cells under pro-inflammatory conditions related to cell growth

**Characterization:** *positive for smooth muscle cell specific alpha-actin expression*



<sup>[1]</sup>  
(Click to Enlarge) **Bovine Pulmonary Artery Smooth Muscle Cells, BPASMC** (L) immunolabeled for smooth muscle-specific alpha-actin using ABC method (R).

## Details

<b>Tissue</b>	Normal healthy bovine pulmonary artery
<b>QC</b>	No bacteria, yeast, fungi, mycoplasma
<b>Character</b>	Smooth muscle specific $\alpha$ -actin positive
<b>Bioassay</b>	Attach, spread, proliferate in Growth Med
<b>Cryovial</b>	500,000 BPASMC (2nd passage) frozen in Basal Medium w/ 10% FBS, 10% DMSO
<b>Kit</b>	Cryovial frozen BPASMC (B352-05), Growth Medium (B311-500), Subcltr Rgnt Kit (090K)
<b>Proliferating</b>	Shipped in Gr Med, 3rd psg (flasks or plates)
<b>Doublings</b>	Can be cultured at least 16 doublings
<b>Applications</b>	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

### Instructions BPASMC

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### MSDS Cryopreserved Cells

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### Related Products

### Extended Family Products

## Resources/Documents

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#### 5 Important Cell Culture Rules

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