

## Featured Products

Class	Product Name	Code
Manual Detection Systems	MicroStacker™ Polymer Detection Kit, Universal (3 Components)	SD3100-3102
	MicroStacker™ Polymer Detection Kit, Enhanced ,1-step	SD3203-3205
	MicroStacker™ Polymer Detection Kit, Enhanced,2-step	SD3206-3208
Instrument Detection System	MicroStacker™ Flex Polymer Detection kit	SD5100, SD5300
	MicroStacker™ Plus Polymer Detection kit	SD5600
Research Detection System	MicroStacker™ Rabbit-on-Rodent Polymer	RS3000-3002
	MicroStacker™ Mouse-on-Mouse Polymer	RS4000-4002



## Next Generation Solution for IHC Detection MicroStacker™ Polymer Detection System



**CELNOVTE**

Email: [info@celnovte-bio-tech.com](mailto:info@celnovte-bio-tech.com)

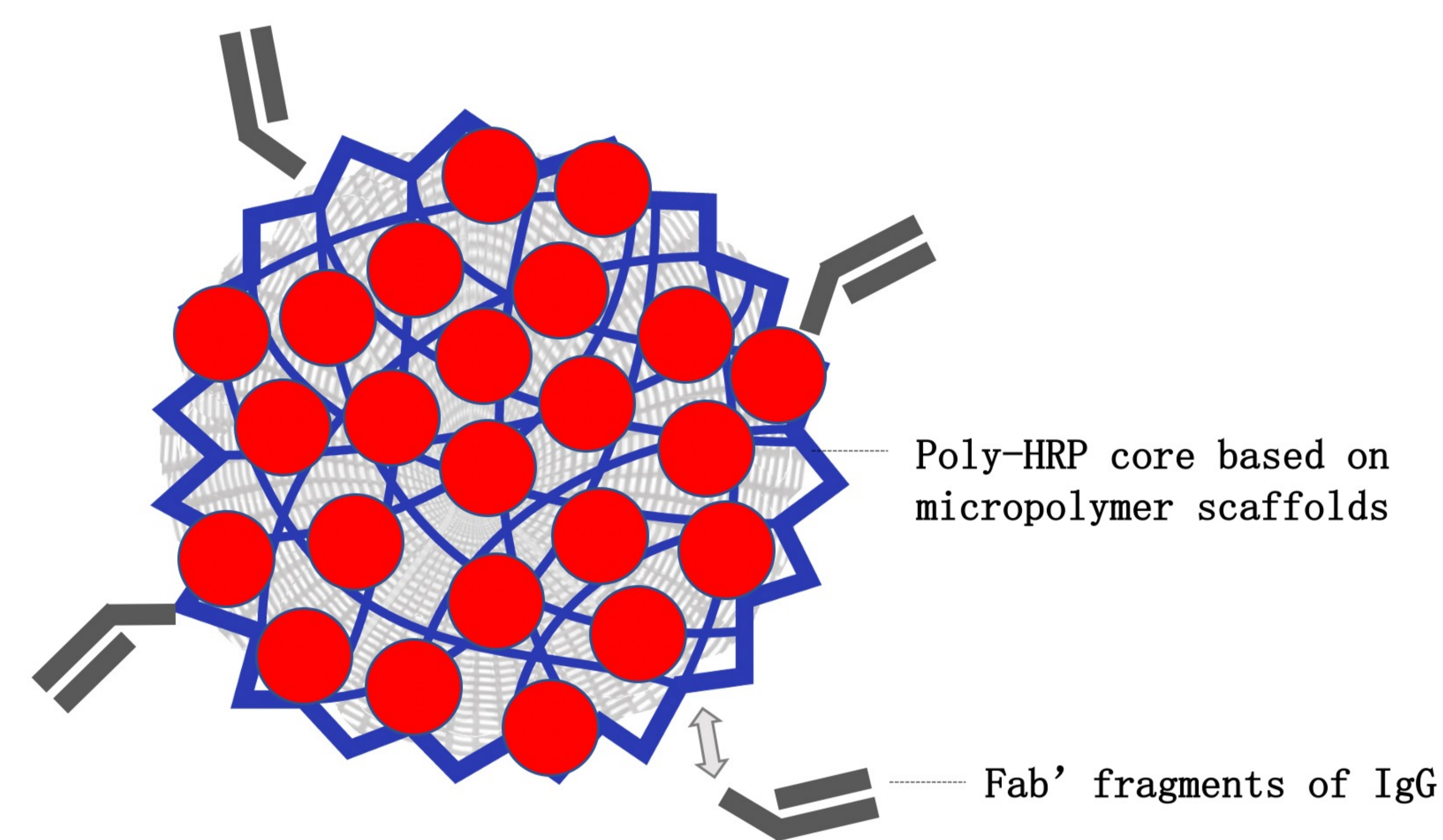
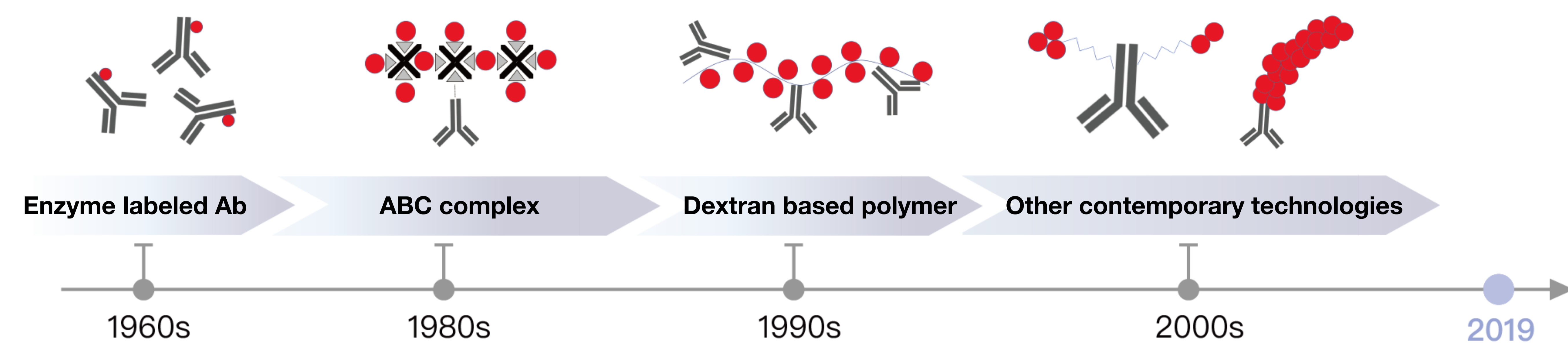
Phone: 401-209-4076

Website: [celnovte-bio-tech.com](http://celnovte-bio-tech.com)

Address: 9430 Key W Ave, Rockville, MD 20850



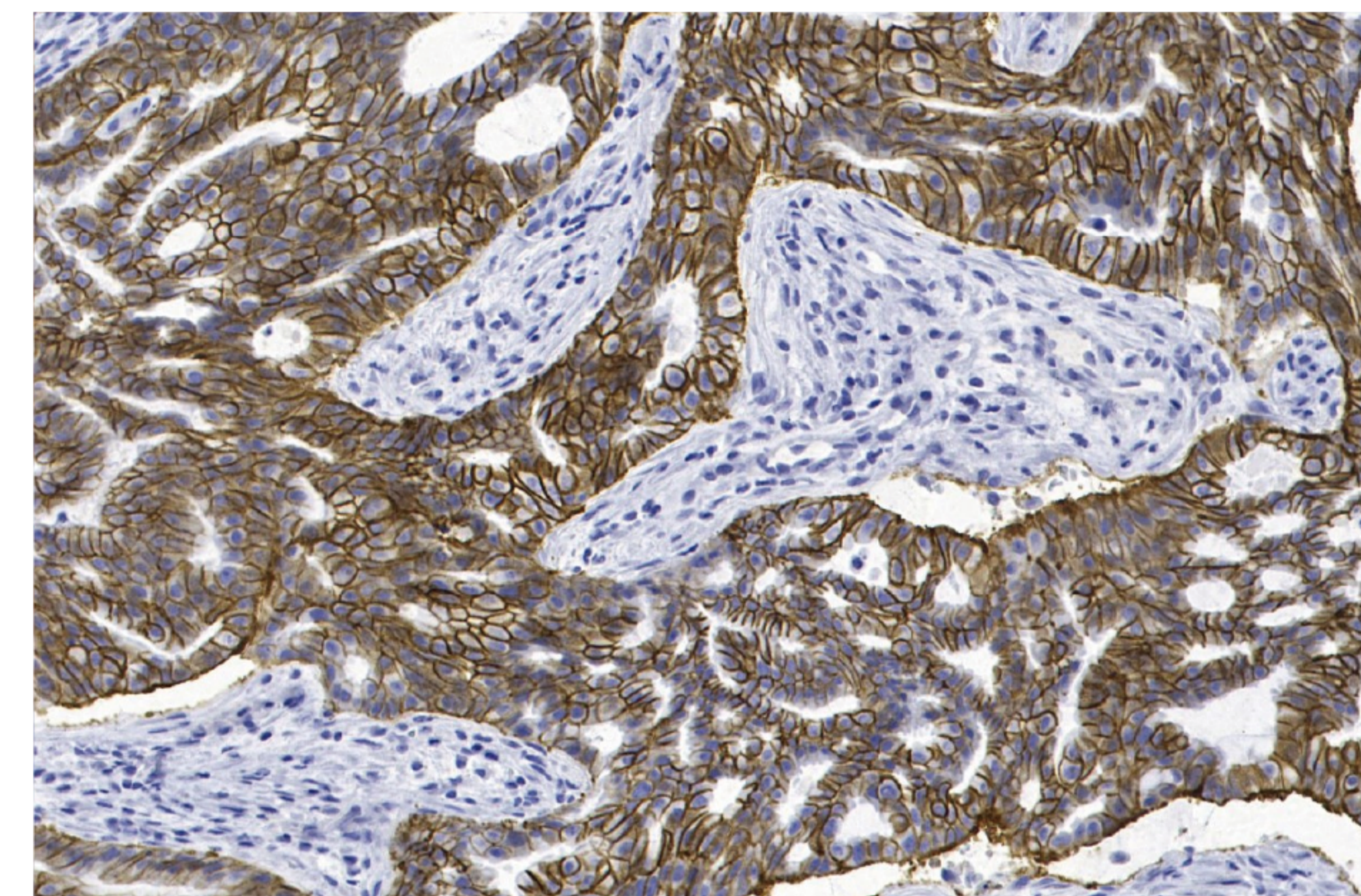




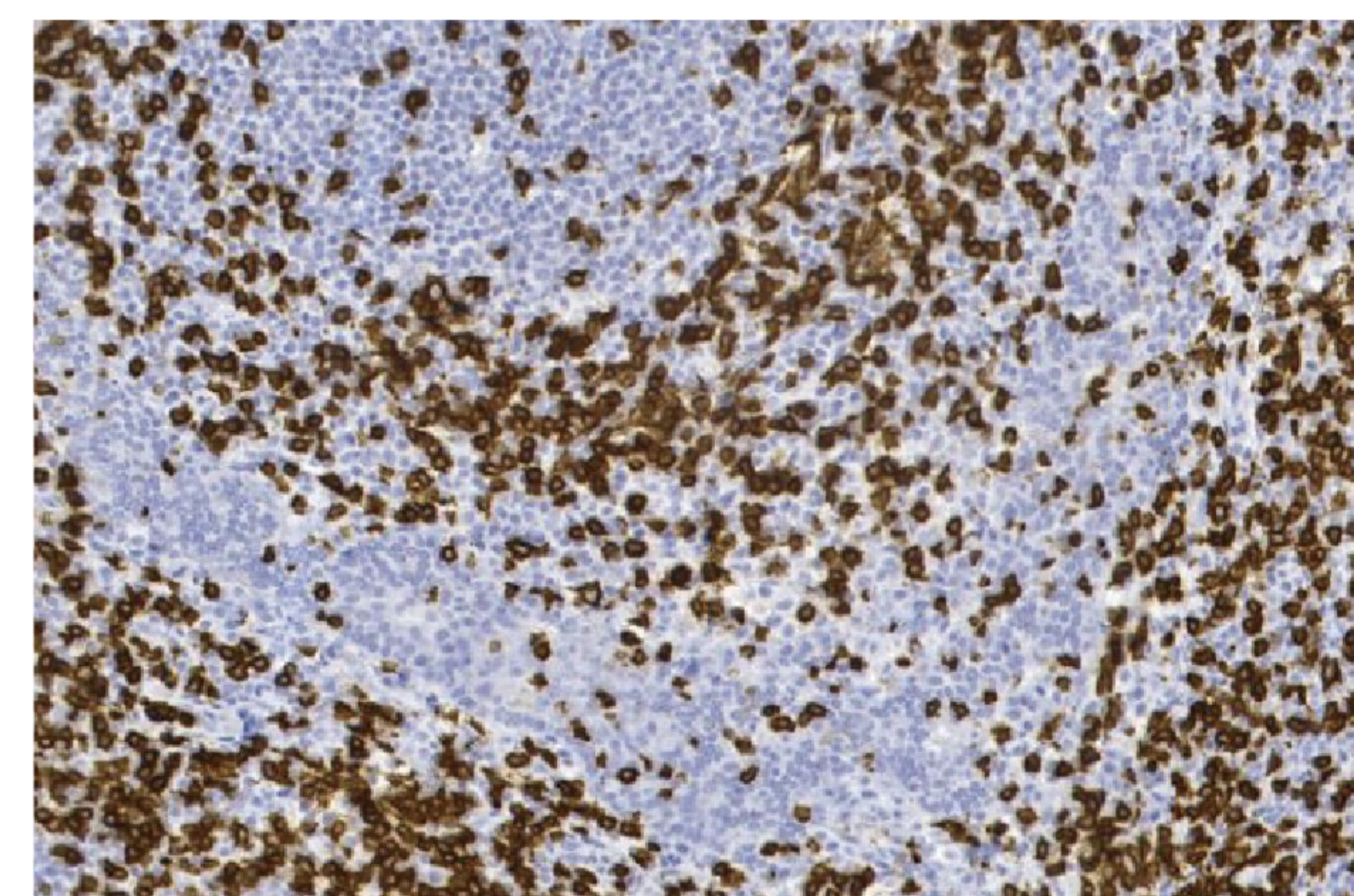
**MicroStacker™  
Polymer Detection  
System**

### Microstacker™ Technology

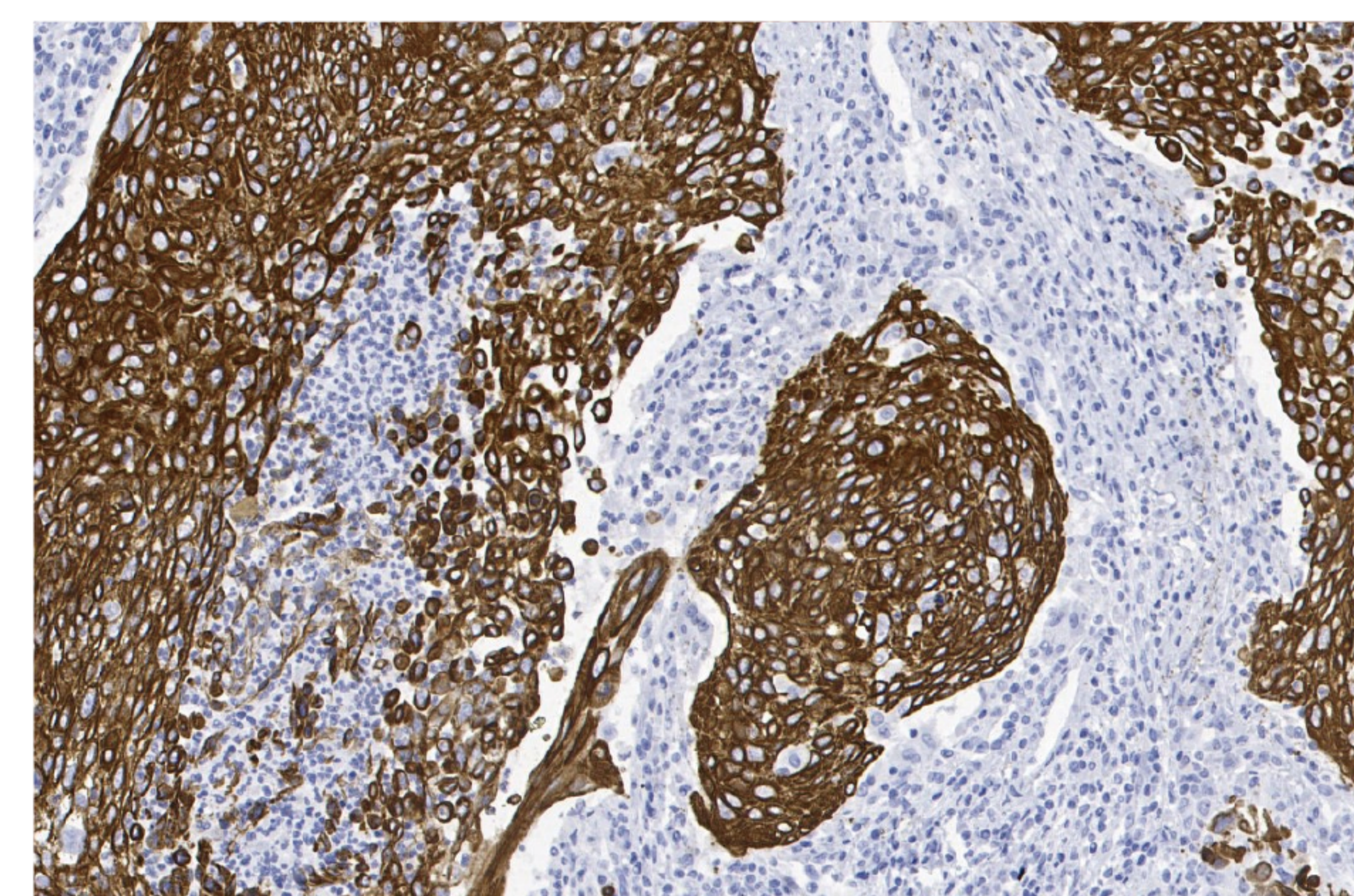
<b>Format</b>	<b>Manual detection kits; Instrument detection kits</b>
<b>Application</b>	<b>Regular IHC, Multiplex IHC, Intraoperative Frozen-Section IHC, In-situ-hybridization</b>



**Her2**



**CD3**



**CK5**

## Unique Polymer Design

The innovative MicroStacker™ technology allows for the orientation-controlled attachment of Fab' fragments of IgG on the poly-HRP core based on micro-polymer scaffolds.

## Enhanced Sensitivity

The proprietary Fab' labeling methods avoids the occasional blocking of the antibody binding site during the bioconjugation process, thus increase the sensitivity of the polymer. The compact polymeric structure easily penetrates to all cellular compartments, which provides consistent results in all types of nuclear, cytoplasmic and membranous antigens. The overall effect is superior sensitivity compared to other conventional HRP polymers with bulky dextran backbones.

## Enhanced Specificity

Biotin-free detection eliminates background staining due to endogenous biotin. Plus, the system utilizes Fab' fragments instead of the whole IgG, which avoids the background caused by non-specific binding of the whole IgG to the endogenous Fc receptor.