



UPPSALA
UNIVERSITET

Molecular Biotechnology Programme

Uppsala University School of Engineering

UPTEC X 07 065		Date of issue 2007-12
Author Urban Ryberg		
Title (English) Validation of mono-specific antibodies		
Title (Swedish)		
Abstract <p>An important step in the quality control of antibodies is to compare the staining pattern between two antibodies directed towards the same gene product. 98 randomly picked sibling antibodies and 98 randomly picked twin antibodies generated by the HPR-project have been studied as a first step in developing a more objective method for comparison of staining patterns. A standardized immunohistochemical method on consecutive tissue sections has been used and the staining patterns have been manually examined. Results show that there is no greater difference between twin- and sibling antibodies.</p>		
Keywords <p>Validation, monospecific antibodies, immunohistochemistry, PrEST, tissue micro array</p>		
Supervisors Fredrik Pontén, M.D., Ph.D Dept. of Genetics and Pathology, Uppsala University		
Scientific reviewer Prof. Erik Larsson Dept. of Genetics and Pathology, Uppsala University		
Project name	Sponsors	
Language English	Security	
ISSN 1401-2138	Classification	
Supplementary bibliographical information	Pages 29	
Biology Education Centre Box 592 S-75124 Uppsala	Biomedical Center Tel +46 (0)18 4710000	Husargatan 3 Uppsala Fax +46 (0)18 555217