



Dr Chapman-Fredricks

شيرين فؤاد طه يونس

اسم الباحث:

تاريخ اعتماد تسجيل البحث: 2012/10/07

نوع البحث: تطبيقي

عنوان البحث:

دور **HGAL , LMO2** فى التعرف على الاورام الليمفاوية بالجهاز الهضمى

طريقة البحث:

We studied the sensitivity of 2 relatively new markers of germinal center B-cell origin, namely human germinal center-associated lymphoma (HGAL) and Lim-only transcription factor 2 (LMO2), in the identification of follicular lymphomas (FLs) of the nongastric gastrointestinal (GI) tract



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الاشكال المختلفة للمفوما المتحوصلة دور LMO2 , HGAL فى تمييز الورم بين الحويصلات وخارجها

طريقة البحث:

Follicular lymphoma (FL) can exhibit variant histologic patterns that can lead to confusion with other B-cell lymphomas and reactive conditions. Diagnostic markers such as CD10 and BCL2 may be difficult to interpret in variant FL patterns, and are often diminished or absent in the interfollicular and diffuse components. We evaluated 2 recently characterized germinal center B-cell markers, human germinal center associated lymphoma (HGAL), and LIM-only transcription factor 2 (LMO2), in 127 FL patient biopsies (94 nodal, 33 extranodal), and correlated the findings with histologic pattern, cellular composition, grade, and additional immunostains (CD20, CD3, CD21, CD10, BCL2, and BCL6). Architectural patterns included predominantly follicular (75%) and follicular and diffuse components (25%); 10 cases showed marginal zone differentiation and 3 were floral variants. Eighty-nine cases were low grade (38 grade 1; 51 grade 2) and 38 were grade 3 (29 grade 3A and 9 grade 3B). HGAL had the highest overall sensitivity of detecting FL and was superior in detecting the interfollicular and diffuse components compared with BCL2, LMO2, CD10, and BCL6. All 28 cases that lacked CD10, expressed HGAL, and the majority also expressed LMO2. Our results show that HGAL and LMO2 are sensitive markers for FL diagnosis