TEST ID: ICOSI
ICOS (CD278), IMMUNOSTAIN, TECHNICAL COMPONENT ONLY

USEFUL FOR
Aiding in the classification of T cell lymphomas

CLINICAL INFORMATION
ICOS (CD278) is primarily expressed on activated CD4+ and CD8+ T cells where it regulates immune responses and plays a role in the regulation of T follicular helper cells. ICOS is a sensitive marker for identifying T cell lymphomas of follicular helper T cell origin, especially certain patterns of angioimmunoblastic T-cell lymphoma (AITL) and peripheral T-cell lymphomas with T-follicular helper phenotype (PTCL-TFH). This is becoming increasingly important given WHO 2016 diagnostic guidelines.

INTERPRETATION
This test includes only technical performance of the stain (no pathologist interpretation is performed). If diagnostic consultation by a pathologist is required order PATHC / Pathology Consultation.

The positive and negative controls are verified as showing appropriate immunoreactivity. If a control tissue is not included on the slide, a scanned image of the relevant quality control tissue is available upon request. Contact 855-516-8404.

Interpretation of this test should be performed in the context of the patient’s clinical history and other diagnostic tests by a qualified pathologist.

ANALYTIC TIME
1 day

SPECIMEN REQUIRED
Type
Tissue

Container/Tube
Immunostains Technical Only Envelope (T693)

Preferred
2 unstained positively charged glass slide (25 x 75 x 1 mm) per test ordered; sections 4-microns thick.

Acceptable
Formalin-fixed, paraffin-embedded (FFPE) tissue block

Content and values subject to change. See the Mayo Medical Laboratories Test Catalog for current information.
CLINICAL REFERENCE


